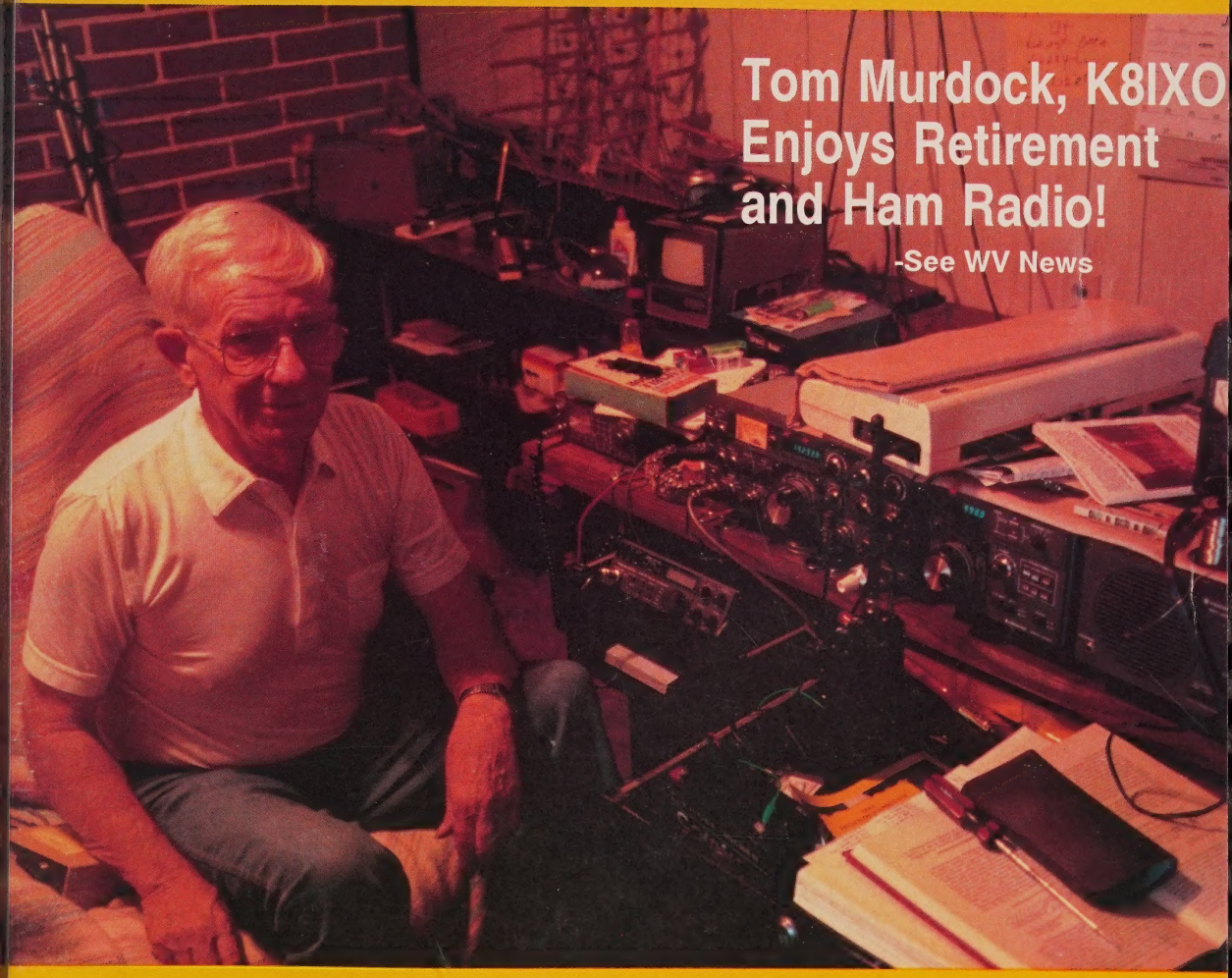
SERA Repeater Journal

Coordinating The SouthEast

NOV, DEC 1993, JAN 1994 **3** 00

NEW REPEATER LISTINGS INSIDE!

- ✔ Updated 8-State Repeater Listing
- ✔ 1994 Southeastern Hamfest Calendar
- ✔ VE Exam Schedule
- ✔ SERA Officer Nominees



Tom Murdock, K8IXO Enjoys Retirement and Ham Radio!

-See WV News

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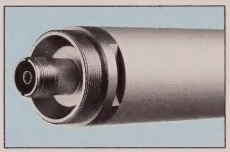
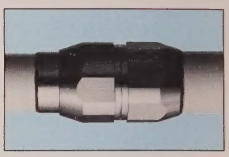


COAX CONNECTION AT BASE END

HEAVY DUTY BASE/ RADIAL ASSEMBLY



STRONG JOINT COUPLINGS

X series

MODEL	BAND(MHz)	GAIN(dBd.)	WATTS	CONN.	HT. Ft.	RATED WIND/ MPH
X-50A	144/440	4.5/7.2	200	UHF	5.6	135
X-200A	144/440	6.0/8.0	200	UHF	8.3	112
X-300A	144/440	6.5/9.0	200	UHF	10.2	112
X-510NA	144/440	8.3/11.7	200	N	17.2	90
X-510MA	144/440	8.3/11.7	200	UHF	17.0	90
X-500HNA	144/440	8.3/11.7	200	N	17.8	90+
X-700HA	144/440	9.3/13.0	200	UHF	24.0	90
X-2200A	144/222	6.0/7.8	150	UHF	11.5	112
X-3200A	144/222/440	6.0/7.8/8:0	100/200	N	10.5	112
X-6000A	144/440/1240	6.5/9.0/10.0	100/100/60	N	10.5	112

BAND: 144=144 - 148MHz. 222=222 - 225MHz. 420=420 - 430MHz.
430=430 - 440MHz. 440=440 - 450MHz. 1240=1240 - 1300MHz.
* X510NJ :144 - 147 / 430 -440MHz

147MHz

445MHz

RADIATION PATTERNS FOR X-500HNA/X-500MA/X-510NA

X510

GH/F/U&V series

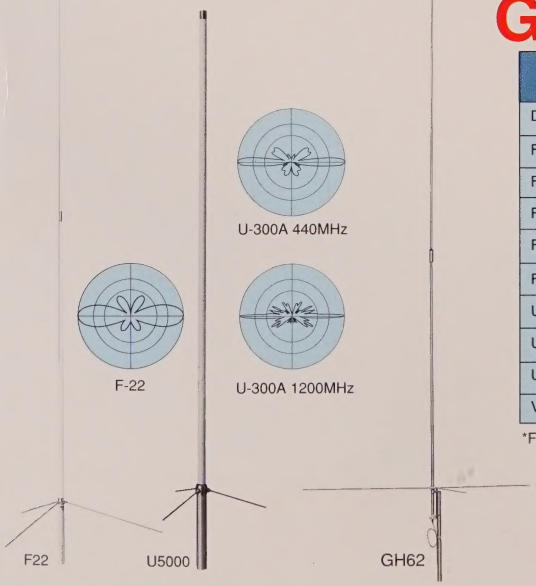
MODEL	BAND(MHz)	GAIN(dBd.)	WATTS	CON N.	HT. Ft.	RATED WIND/ MPH
DP-GH62	50	6.0	200	UHF	21.0	78
F-22A	144	6.7	200	UHF	10.5	112
F-23A	144	7.8	200	UHF	15.0	90
F-142A	222	5.5	200	UHF	6.0	110
F-718A*	440	11.5	250	N	15.0	110
F-1230A	1240	13.5	100	N	10.5	90
U-200A	440/1240	8.3/11.7	100	N	5.9	135
U-300A	440/1240	8.6/13.2	100	N	8.3	110
U-5000A	144/440/1240	4.5/8.3/11.7	100	N	5.9	135
V-2000A	50/144/440	2.1/6.2/8.4	150	UHF	8.3	110

*F-718A:440 - 450MHz, F-718J:430 - 440MHz, F-718L:420 - 430MHz

U-300A 440MHz

F-22

U-300A 1200MHz



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REPEATER JOURNAL

The Voice of the SouthEastern Repeater Assn., Inc

Published 4 times a Year by SERA, Inc.

Nov., Dec., 1993 - Jan. 1994

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FOR LOCAL ASSISTANCE
Repeater owners and users are urged to contact their individual/local state SERA Directors/Vice Directors or Assistants for assistance, information, coordination or other needs as required.

Editorial Comment

The Chronology of the Club Callsign Administrator Program

A SERA Guest Editorial -*by Ray Adams, N4BAQ, SERA Treasurer*

Based upon letters of interest from the American Radio Relay League, Inc. and the National Amateur Radio Association, without the benefit of a Notice of Proposed Rulemaking and its accompanying invitation for comment, pursuant to Commission action May 11, 1993, released May 19, 1993 ORDER FCC 93-249 was created.

The document began

"1. This ORDER amends the amateur service rules to implement the recent statutory enactment of the Congress that authorized the Commission to use volunteer organizations for the purpose of providing amateur service club and military recreation station call signs. The amended rules provide for the establishment of call sign administrators that enter into written agreements with the Commission to furnish services contemplated by the statute.

2. The Telecommunications Authorization Act of 1992, Pub. L. No. 102-538. Pgh. 208. 106 Stat. 3533 (1992), authorized the Commission, for purposes of providing club and military recreation station call signs to use the voluntary, uncompensated, and unreimbursed services of amateur radio organizations that have tax-exempt status under Section 501 (c)(3) of the Internal Revenue Code of 1986....."

The ORDER envisioned the FCC's issuance of a "Block" of call signs to each administrator, authorizing an administrator to issue only "2X3" call signs to Amateur Radio Clubs and Military Recreation Stations, using N?#??? calls.

The Order added 47 U.S.C. 0.331 (d) which says: (in Pgh. 8)

"The Chief, Private Radio Bureau, or designee, is delegated authority to execute, in the name of the Commission, agreements pertaining to certification and employment of services of organizations found qualified to be amateur service club and military recreation station call sign administrators."

Note the plural terminology.

The Order concluded ".....the amended rules are minor and non-controversial and a subject in which the public is not likely to be interested. We find, therefore, for good cause, that compliance with the notice and comment procedure of the Administrative Procedure Act is unnecessary. See 5 USC Pgh. 553(b)(B).

The order further stated (in Pgh. 5) "We will announce by public Notice when an organization interested in becoming a club and military recreation station call sign administrator may apply."

The public notice was released June, 1, 1993, saying the Commission would accept requests for designation as a Club and Military Recreation Station Call Sign Administrator starting July 26, 1993 and would process applications in the order of timely receipt. Copies of it and the ORDER were distributed to those in attendance at a SERA board meeting June 5, 1993 in Knoxville, TN. Most in attendance liked what they heard and saw.

Pgh. 97.5(d)(2) (in part)"..The club must be composed of at least two persons and must have a name, a document of organization, management and a primary purpose devoted to amateur service activities consistent with this part."

I thought I saw an opportunity for SERA to make an "NR" call sign a status symbol denoting a club operating a coordinated repeater, even if the club was organized for that purpose alone. Remember the "WR" call signs? As one of the qualifications of appointment as a Call Sign Administrator was a membership

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REPEATER JOURNAL

Nov., Dec., 1993 - Jan., 1994
Volume 22, No. 4
ORGANIZED IN 1971
"Ending Our 22nd Year"

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About SERA Associate Membership (Repeater Users)

Amateurs, especially repeater users, are invited to join SERA as Associate Members. Only $8.00 per year will enable Amateurs to support the organization and receive the ***Repeater Journal.*** Associate Membership deadlines are the 15th of the month preceding months of publication -- Jan. 15, April 15, July 15 and October 15. Persons joining or renewing their membership must have their application into the Tobaccoville Post Office Box by these deadlines to receive the next upcoming ***Repeater Journal,*** published the first week of February, May, August and November. Memberships received after any deadline will not receive next to-be-published ***Repeater Journal,*** but instead will receive the forthcoming issue the following quarter. HOT-P Associate Memberships (***Repeater Journals*** mailed 1st Class rate) are limited to one year memberships at $14.25 per year. Regular membership ***Repeater Journals*** are mailed 3rd Class Bulk Mail. SERA does not issue receipts for Membership applications, nor are Journals forwarded to new addresses. If you move, we must be notified. Members should wait until next ***Repeater Journal*** comes out to report any problems. Write SERA Associate Membership, P.O. Box 215, Tobaccoville, N.C. 27050-0215. Associate Members may hold appointive offices and positions within the SouthEastern Repeater Association, Inc.

About SERA Full Repeater Membership (Repeater Owners)

Officers and Directors are elected from Repeater respresentatives who are SERA Full Members. Any repeater owner or club may join SERA as a Full Member if they have an operable repeater on the air. Full Membership application, coordination information (if not on file) and $20.00 should be submitted for the annual Full Membership fee. Two Full Members, named and listed on the application by the owner, receive the ***Repeater Journal*** from each application. The Full Member repeater is also appropriately recognized as a SERA supporter in the repeater index with a asterisk (*) code. All Full Memberships expire on December 31 of each year. Write SERA Membership, P.O. Box 215, Tobaccoville, N.C. 27050-0215.

About the SERA Repeater Journal

The SERA ***Repeater Journal*** is published quarterly, the first week of the months of February, May, August and November of each year and mailed free to members of SouthEastern Repeater Association, an eight state repeater coordinating organization made up of repeater owners and users. Permission is granted for use of material other than repeater indexes contained in the ***Repeater Journal.*** (See Important Note this page) provided proper credit is given. The ***Repeater Journal*** Editor will swap newsletters with other Repeater Councils, News organizations and clubs upon written request. DEADLINES: Ad space reservations are the 20th of the month, and ad copy due the 1st of the next month, ONE month prior to publication. News deadlines are the first of the month prior to publication month. ***The Repeater Journal*** is entered as Third Class Mail at the Post Office in Greensboro, N.C. The ***Repeater Journal*** newstand cover price is $2.50 and is available from numerous retail Amateur Dealers in the surrounding 8-state area. (See list elsewhere this issue). All news and Newsletter exchanges should be mailed to the Editor: Wayne C. Williams K4MOB, 600 Lakedale Road, Colfax, N.C. 27235.

About the SouthEastern Repeater Association, Inc.

SERA, SouthEastern Repeater Association, Inc. is one of the largest, most well known non-profit Repeater Coordinating Copuncils in the United States. SERA territory covers over 1,700 repeaters in member States of North Carolina, South Carolina, Virginia, Tennessee, West Virginia, Kentucky, Georgia and Mississippi. SERA celebrates its 22nd anniversary in 1993 with a continuing goal - to serve the repeater owners and users of the Southeast by providing a voice of communications, information and education with the publication of ***The Repeater Journal,*** and the guidance of our State (Director) Coordinators, officers and volunteers. Your support, comments and reccomendations are appreciated.

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New Record for Full Repeater Membership

SERA Ends Year on An Upswing

-by Wayne C. Williams, K4MOB

It's a proven thing! You communicate with people around you, and give them the type service they desire, they will support you!

Support us they did! - In record breaking numbers for 1993. The amazing thing about it was, no one state broke any more new ground than did another. Every state in SERA with the exception of West Virginia posted new highs for SERA Full Repeater Membership.

> "Really had to work for my pay this year - and we're arranging to handle more."
> *-David Ward, KA4LVO*
> *Full Membership Chairman*

New memberships for 1994 and data sheets are piling in, even at this early date, according to David. He said he had an 11-inch stack waiting to be entered into the computer.

SERA ended 1993 with 1043 member repeaters out of a total of 1731 in the 8-states, or 60%. We picked up a total of 99 new repeater members in 1993. (1992 we had 944 members)

Below, the pie chart shows SERA Full Member repeaters as a percent of each state (members vs total).

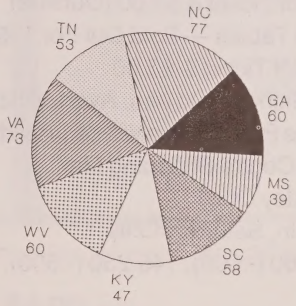
SERA - SouthEastern Repeater Assn. Full Membership

By State - By Year - From 1984 to Present

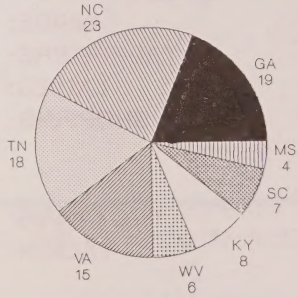
SERA DIST	TTL '84	TTL '85	TTL '86	TTL '87	TTL '88	TTL '89	TTL '90	TTL '91	TTL '92	FINAL '93	1993 Mbr%	STATE RPTRS
NC	83	149	147	123	145	181	157	189	220	243	77.0%	314
SC	35	56	43	44	46	59	50	53	60	68	58.0%	117
VA(1)	58	92	88	98	99	151	122	127	136	157	73.0%	216
WV	21	41	40	51	39	51	54	67	70	62	60.0%	104
TN	58	85	63	80	80	111	128	155	179	188	53.0%	357
GA(2)	18	109	125	110	100	104	124	142	173	195	60.0%	325
KY(3)	4	18	21	19	15	48	53	66	70	80	47.0%	170
MS(4)	--	--	--	--	3	12	36	38	36	50	39.0%	128
TTLS	279	550	527	525	527	717	724	837	944	1043	60.0%	1731

(1) Total Virginia list does not include 86 repeaters in T-MARC Territory, (N of Highway 33 and Latitude 38-degrees North, and In the West Virginia Panhandle area.
(2) Georgia assumed SERA District Status in mid 1985.
(3) EKY assumed SERA District in 1985, W. Ky in late 1989. District renamed Kentucky District.
(4) Mississippi assumed SERA District status in late 1989. *Updated as of 10-21-93*

% In Each State



% of SERA Overall



The highest percentage of membership overall, went to North Carolina, with 77%, followed by Virginia with 73% and Geirgia with 60%. Our largest state as far as total repeaters are concerned, remains Tennessee with 357, followed by Georgia with 314, and North Carolina with 314

The state with the most repeater members was North Carolina with 243, even though it is 3rd largest in repeater population.

Among the greatest growth this year, on a number increase basis was North Carolina and Georgia. They picked up 23 and 22 new members repeaters respectively.

Our two newest states, Kentucky and Mississppi both made good gains this year. Both will probably reach the 50% mark in 1994. Both states joined SERA as Districts in 1989.

The next pie chart shows percent of members against the overall 8-state membership. This chart is unfair somewhat to the smaller states, but it will give you an idea of who helps pay the bills and how many.

Any repeater owner who did not get a data sheet in the mail, should contact David Ward immediately, so he can send one to you promptly.

The datasheet also gives the repeater owner a chance to join SERA as a full member - although we emphasize this is NOT a requirement for SERA service - it does show your support.

A short form full membership application is on page 34 - in case someone sent in datasheets and forgot to join, or you changed your mind, and want to join now.

Our thanks for your generous and outstanding support of 1993. We hope you will continue, even in greater numbers in 1994.

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- **VE SESSION — Walk-In Saturday Only!**

Registration 9:00 a.m., bring current license or CSCE and copies, photo ID, and $5.60. Info: W5YI Greensboro, c/o GGH, P.O. Box 8252, Greensboro, NC 27419-0252. For more information call Charles Layno, 919-288-3635 from 8-9 p.m. only!

Pre-Register me for the Greensboro Hamfest, November 27 & 28, 1993. Enclosed is my check for:

____ ☐ **Hamfest Tickets @ $4.00 ea.** . . . . . $_____

____ ☐ **Flea Market Tables** (Inside) SOLD OUT . . . . . $_____

____ ☐ **Outside Flea Market Space** (Unlimited) **$2.00** . . . . . $_____

Total . . . . . $_____

Monies must be received in Greensboro no later than November 23, 1993.
Make all checks payable to the Greater Greensboro Hamfest.
Send form to: GGHamfest, P.O. Box 7862, Greensboro, NC 27417-0862.

Please Send S.A.S.E. - TNX

*NAME*_____ *CALL*_____

*ADDRESS*_____

*CITY*_____ *STATE*_____ *ZIP*_____

Direct Broadcast Satellite TV is Almost Here!

-by Wayne C. Williams, K4MOB

I was talking to a Satellite TV dealer from Virginia the other day, discussing the future of satellite TV. He said that soon, anyone can walk to their local department store, purchase for about $900 an 18-inch dish, and associated hardware and receiver, hook it up, and point the dish to one single satellite almost straight overhead.

He said then you contact your local program sales representative, and for a modest fee per month, you can rent a decoder, and receive numerous programs seen on various satellites in the sky.

He said they new DBS system of TV will have a satellite that receives signals from several other satellites and send all these channels down to your dish. If you've purchased the programming, you can see the channels.

We noted in W5YI report, October 1, issue, that Hughes DirecTV and Hubbard's USSB say they will be on the air next spring with their Direct Broadcast Satellite TV (DBS). The DBS satellite which will be shared by them is due to be launched in December.

According to the person I chatted with, there will be several of these satellites launched in the future, making DBS TV available easily with very small dishes all over the U.S.

The new satellites will broadcast on a new spectrum of frequencies, called the "KA" band. Present satellites are on the "C" and "KU" band.

We wonder what effect this is going to have on Cable systems. It will be a great boon for people in desolate areas who cannot receive local TV, cable is not available, and can not afford to buy a full-blown TVRO system and purchase programming. People with space limitations, and antenna restrictions will benefit from this new service too. The little dish can be put on a pole on the top of your house, on a fence post in the back year, and since it will not have to be moved, and points almost straight up, high ground, trees and other obstructions which prevented regular satellite reception will be eliminated.

The Repeater Journal!

Hams read it, the FCC reads it, the League reads it, Manufacturers read it, Dealers read it. Over 10,000 people see the Journal!

Every Quarter - Every Year!

Prices Going. . .UP!! UP!! On Most Ham Equipment

According to several area Dealers prices on all Japanese brands of Amateur Radio equipment will or has gone up by approximately 10%. The higher prices should be reflected on all articles by the first of the year, as old priced stocks are diminished.

The price increases are attributed to the Yen/Dollar valuation. Presently the U.S. currency is hovering at its lowest value against the Japanese Yen since post World War II. It all started when the U.S. Government cut loose the value of the dollar to let it float on foreign exchanges and seek its own value. The idea was to make foreign goods more expensive, thus giving American manufacturers a better price advantage.

The U.S. importers of Japanese Amateur equipment have absorbed much of the increased cost, caused by the dollar continuously dropping during 1993 - likewise most dealers absorbed some of the increases to them. Now, a spokesman said, they cannot (the importer, nor the dealer) reduce profits any further and stay in business. Thus this latest round of cost increases must be passed on to there retail purchaser.

This should not effect American-made Amateur products. It is not known whether any increases are in the works from them.

Price increases of Japanese goods will not be limited to Amateur equipment. We can expect to see higher prices in 1994 on all imported electronics, including TVs. Stereos, VCRs, and others plus Japanese automobiles still built in Japan.

Over 10,000 readers use the Repeater Journal - ***Every Quarter - Every Year*** - as their information source! Pass your old Journal copy to a friend!

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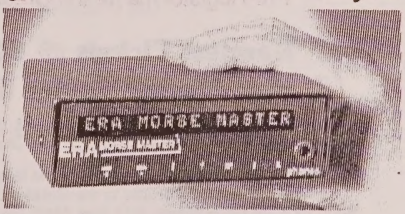
All hams, and SWL listeners, too, will enjoy years of visual decoding.



"In my 50 years in radio, this is the best decoder and tutor I've seen. Morse (CW), RTTY, AMTOR, SITOR, NAVTEX...all spelled out on a bright LED readout. It's great for viewing what you're transmitting, too!" says Bernie, the B-17 radioman and long-time ham expert. High quality, English construction.

- Touch-button control / 7 function keys
- DPS Filtering aids decoding
- Built-in RS232 port for PC and printer operation
- 12v to 16v DC

Action Communications

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Distributor for Enterprise Radio Applications Ltd.

Bernie says, "There's not enough room here. It's worth calling or writing now to find out more!" For FREE information about the Morse Master, call (910) 299-1298 (9 am – 9 pm East. time). For orders only, call 1-800-647-0564.

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Now, for the first time, available on inexpensive, portable counters with our new *ATH™* Series. This feature is the most significant improvement ever made to the pocket sized counters! It allows "Hands Free" operation to automatically *read & hold* a signal as quick as 80ms or 8% of a second.

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Signal Strength Bar Graph Works on Every Range

Low Battery Indicator

ATH™ SERIES FEATURES:

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- **Automatic clean dropout**
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- **Signal strength Bar Graph**
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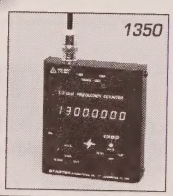
Ni-Cads and A/C Charger INCLUDED with ALL Models



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Ultra High Sensitivity Frequency Counters

ATH-15	1-1500 MHZ, High speed	*$199.*	~~$225.~~
ATH-30	1-2800 MHZ, High speed, one shot	*259.*	~~289.~~
ATH-50	5 Hz to 2800 MHZ, one shot	*289.*	~~339.~~
HST-15	Optional 0.2 PPM TCXO High Accuracy Timebase (installed)	*100.*	~~125.~~

Economy Frequency Counter

1350	1-1300 MHZ, 10 HZ Res. 3 gate times, Hold switch	*$119.* ~~129.~~

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Increase range or distance from a transmitter with a Band Pass Filter. <1 dB pass band insertion loss.

LP-60	DC-60 MHZ Usage	$69.
HP-400	400-1500 MHZ Usage	69.
HP-800	800-2000 MHZ Usage	69.
BP-3	Above 3 filters *(SAVE $30)*	*$177.* ~~207.~~

Accessories

A *CC-90*	Case for all models	12.
B *TA-90*	Telescope BNC antenna	12.
C *TA-90-L*	Telescope elbow antenna	16.
D *RD-150*	150 MHZ rubber duck	16.
E *RD-2750*	27-50 MHZ rubber duck	28.
F *RD-800*	800 MHZ rubber duck	29.
G *M-207-IC*	Interface cable for MFJ-207	10.
H *P-110*	200 MHZ, 1x, 10x probe	39.
J *LP-22*	Lo-Pass, audio usage probe	25.
K *DC-10*	Direct, 50 OHM probe	20.

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RICHMOND FROSTFEST '94

Winter Amateur Radio and Computer Show

SUNDAY, JANUARY 16, 1994

The Showplace, 3000 Mechanicsville Turnpike, Richmond, Virginia

Hours: 8:30 A.M.-3:30 P.M.

An ARRL Approved Event

Presented By The Richmond Amateur Telecommunications Society

GENERAL INFORMATION

DEADLINE FOR ALL RESERVED SPACES AND ADVANCE TICKET SALES IS DECEMBER 30, 1993. No space reservations or advance tickets after that date. Any unsold spaces will be available on the day of the show. All monies for advance tickets and reserved spaces must be received no later than January 7, 1994.

SAME LOCATION AS LAST YEAR! Building available for set-up from 12:00 p.m. until 8:00 p.m. on Saturday, January 15th, and from 6 a.m. till 8 a.m. on the day of the show. Drive-in for unloading available on Saturday only.

AMATEUR RADIO EXAMS GIVEN ON SATURDAY, JANUARY 15, AT 7:30 p.m. NO WALK-INS. For more information and/or registration for exams, contact Phil Giella at (804)561-3020 or Bill Mason at (804)745-5244.

LOTS OF PRIZES! Exhibitor, hourly, and major door prizes. Hourly prizes drawn starting at 9 a.m. Exhibitor prize drawn at 3 p.m. Major prizes drawn at 3:30 p.m.

FIRST-RATE TALK-IN SERVICE! Talk-in provided Sunday morning on the 146.88 and 145.43 repeaters.

TICKETS AND RESERVATIONS: Mark Huff, WA4DHY, (804)747-0227 (M-Th 2p-10p, Fri 11a-7p)
OTHER INFORMATION: Bill Mason, AB3P, Frostfest Director, (804)745-5244 Evenings

REGISTRATION FORM

NAME _____ TELEPHONE _____

BUSINESS NAME or AMATEUR CALL SIGN _____

ADDRESS _____ CITY _____ STATE _____ ZIP _____

_____ COMMERCIAL BOOTH SPACES (8' each) @ $40.00 FIRST TABLE, $35.00 EACH ADDITIONAL TABLE (Price includes admission, tables, and electrical power).....$_____

_____ GENERAL (NON-COMMERCIAL) FLEA MARKET TABLES (8') @ $15.00 EACH (MAX. OF 10).....$_____
(Non-Commercial Exhibitors must also purchase General Admission Tickets)

_____ ELECTRICAL POWER FOR FLEA MARKET AREA @ $5.00 .....$_____
(Payment of one power fee covers all flea market tables for an exhibitor and includes access to one 120V outlet)

_____ ADMISSION TICKETS @ $5.00 EACH.....$_____

ENCLOSE SELF-ADDRESSED STAMPED ENVELOPE IF ONLY ORDERING ADMISSION TICKETS
MAKE CHECKS PAYABLE TO RICHMOND FROSTFEST (POSTDATED CHECKS NOT ACCEPTED)

TOTAL: $_____

MAIL THIS FORM, WITH YOUR CHECK AND S.A.S.E., TO:
RICHMOND FROSTFEST, P.O. BOX 6673, GLEN ALLEN, VA 23058

CUT-OFF FOR ADVANCE TICKETS AND RESERVATIONS IS DECEMBER 30, 1993

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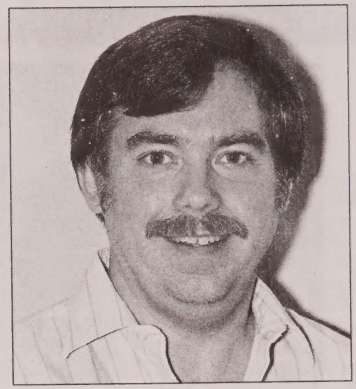


Terry Estes, SERA Kentucky Director Resigns Position

Terry Estes, WB4ASZ, Director of the Kentucky District tendered his resignation, effective January 1, 1994 in a letter to Dave Shiplett, SERA President in September.

Terry attributed his ever-increasing work load with his permanent job which gives him less time for his family and for SERA as a reason for the decision.

"To continue would be a disservice to SERA and the amateurs of Kentucky," Terry said.

According to SERA By-Laws, Vice-Director Jeffery Martin, N5KOL will succeed Estes in the position of Director.

Terry said his remaining time as Director will be spent working at dividing the state into three geographical areas by the 84 and 86-degree lines of Longitude, - the western section to be handled by the new Director; central by Wayne Mullannix, N4YUU, and a yet-to-be-named assistant Director to coordinate the eastern section.

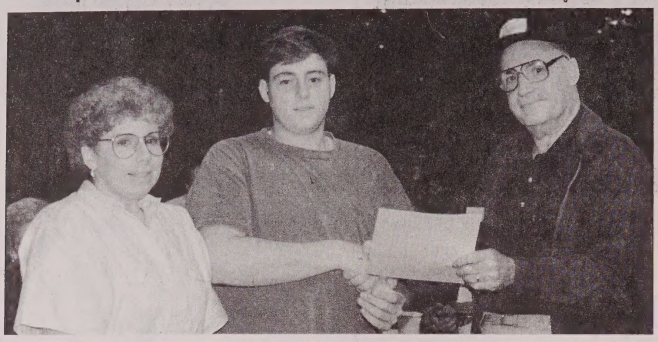
Terry Estes became Director of the old East Kentucky district after many months of work, getting the repeater owners in that area to become a part of SERA in 1985. It was his work that got the remainder of the state of Kentucky to become a SERA District two years later.

Terry has been a faithful supporter of SERA, and inspirational to the repeater owners he has worked with in his State.

We wish Terry well-We are very sorry to see him go-and will miss him.

Repeater owners and users in Kentucky may contact Terry for help through December 31st. After that date, or on January 1, 1994, contact Jeffery Martin, N5KOL. Their addresses and phone numbers are listed on page 1 of the Journal.

Mt. Empire ARS Gives N4AKZ Scholorship Award



Jim Cole, K4HRO presents Brent Maney, KD4ODV with the first Phil Berry, N4AKZ Memorial Scholarship. The presentation was made at the field day site in Spoon Gap, Va. by the Mtn. Empire ARS. On the left is Phil's wife, Pat, WD4BXV. (photo supplied by Jack Taylor, WA4JME)

Brent Maney, KD4ODV is the first recipient of the Phil Berry, N4AKZ, Memorial Scholarship.

The Mtn. Empire ARS took time out of their participation in Field Day activities to present the first annual Phil Berry, N4AKZ, Memorial Scholarship. This scholarship was set up to memorialize Phil Berry's unselfish contributions to Amateur Radio.

The scholarship is awarded to a graduating senior who holds an Amateur Radio license and maintains a B average or better while in High school.

Brent, graduated from John S. Battle High School and will be attending VPI this fall, majoring in Physics.

The Mtn. Empire ARS members would like to congratulate Brent on his excellent achievement while in high school and know that he will be a worthy recipient of the first Phil Berry, N4AKZ scholarship. To find out more about the scholarship and or Amateur Radio, contact MEARS, P.O. Box 33, Abingdon, Va. 24210.

Did You Get Your SERA Repeater Data Sheet?

David Ward, KA4LVO, SERA Computer and Records Chairman said new Data Sheets were mailed to all-known repeater owners in the eight states around mid-October.

Every year, several are returned by the Post Office because the person has moved, In other instances the repeater has been sold, and the recipient of the Data Sheet does not pass it on to the new owners.

David said that anyone who owns or operators a repeater in SERA territory who has NOT received a Data Sheet should contact him immediately. CALL HIM AT: (919) 983-0879 ANYTIME. If a recorder answers, leave your name, callsign, and your phone number and he will get back to you as soon as he can. Be sure to leave your callsign, so he can see what information he presently has and have it ready when he calls back.

SERA takes pride in having the most complete up-to-date information on its repeaters of any organization in the United States. But, in certain instances, we miss some, or through other circumstances, we don't get a sheet to the proper person.

It is important that we have an updated datasheet on every repeater for our coordinators information, for our listing to the ARRL National Repeater Directory, and so we can contact persons involved in repeaters.

Again, if you didn't get a repeater data sheet in the mail, call David Now!!!!

REPEATER JOURNAL

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Get Extra Copies of the Journal for your friends & new Hams!!

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Grand Strand Amateur Radio Club

1st Annual Hamfest

Saturday - Nov. 13

Myrtle Beach High School

8:30 AM - 4:00 PM - ADMISSION $5.00

TALK-IN 145.11

Lots and Lots of FLEA MARKET- DEALERS- AND TAILGATING	VEC TEST SESSIONS! *SEMINARS BY* THE RED CROSS & NATIONAL WEATHER SVC.

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Williams Has Alinco - Mobile & H/T Accessories!

If You're Looking For ALINCO Radios
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We Stock ALL Alinco Accessories - See Our Massive List Below!
Call For our VERY Competitive Prices - And Our Customer Service!

ACCESSORIES FOR THE DJ-180T, DJ-580T, DJ-F1T ALINCO H/Ts

PART #	DESCRIPTION OF ITEM	LIST	DISCOUNT
EBC-3	Belt Clip (Fits All Models)	$6.95	$4.95
EBP-16N	7.2V 700 Mah Nicad Battery Pak (F1T/S1T)	$49.95	$45.95
EBP-18N (WW)	12V 600 Mah Nicad Battery Pak (F1T/S1T)	$59.95	$49.95
EBP-20N	7.2V 700 Mah Nicad Battery Pak (DJ-180T/580T)	$49.95	$45.95
EBP-20NX (WW)	7.2V 1,500 Mah Nicad Battery Pak (DJ-180T/580T)	$59.95	$49.95
EBP-22N (WW)	12V 800 Mah Nicad Battery Pak (DJ-180T/580T)	$59.95	$49.95
EDC-24	AC Wall Chgr./Stand for EBP-14,16,18,20,22,20NX	$29.95	$25.95
EDH-5	Alkaline "AA" Dry Cell Battery Case (F1T/S1T)	$24.95	$19.95
EDH-11	Alkaline "AA" Dry Cell Battery Case (DJ-180T/580T)	$26.95	$21.95
EDH-12	DC Jack Adapter (for DC to DC Oper) for DJ-180T	$19.95	$16.95
EDC-34	Base/Mob. Quick Charger EBP-14,16,18,20,22,24NX	$99.95	$89.95
EDC-36	Filtered Mobile Cig. Power Cable (All Models) (DJ-180T rqr EDH-12)	$24.95	$21.95
EDC-37	Cable for DC Power Supply (All Models) (DJ-180T rqr EDH-12)	$12.95	$10.95
EDC-43	Mobile Cig. Power Cable (No Filter) (All Models) (DJ-180T rqr EDH-12)	$14.95	$12.95
ESC-15	Soft Vinyl Case for DJ-F1T/S1T (Std EBP-16N & EBP-18N batt)	$24.95	$21.95
ESC-17	Soft Vinyl Case for DJ-580T (Fits with std EBP-20N batt only)	$27.95	$22.95
ESC-18	Soft Vinyl Case for DJ-180T (Fits with std EBP-20N batt only)	$29.95	$25.95
ESC-19	Soft Vinly Case for DJ-180T (For std & long 12V batt & 1,500 mah batt)	$29.95	$25.95
EME-4	Earphone/Microphone with PTT	$42.95	$35.95
EME-10K	Headset/Boom Mike - Earphone, w/PTT & VOX	$69.95	$65.95
EME-11	Earphone/Microphone with PTT/VOX	$52.95	$49.95
EMS-2Z	Speaker Microphone w/split cables (All Models incl DJ-160,162,560T)	$49.95	$43.95
EMS-8Z	Remote Control Speaker Microphone, (Fits: DJ-F1T,180T,580T)	$53.95	$46.95
EMS-9	Speaker Microphone w/Lapel clip, (Fits: DJ-F1T,180T,580T)	$49.95	$43.95
EJ-12U	Sub-Tone Squelch Bd. (Decode) (F1T & S1T Only)	$55.95	$49.95
EJ-14U	50 Chan. Memory Unit for DJ-180T	$26.95	$23.95
EJ-15U	200 Chan. Memory Unit for DJ-180T	$38.95	$34.95

ACCESSORIES FOR ALINCO MOBILE TRANSCEIVERS

PC-15	15 AMP Exact repl. Power cable for all DR series except DR-130T	$15.95	$14.95
PC-15B	15 AMP Exact repl. Power cable for DR-130T only	$15.95	$14.95
MB-110	Mounting Bracket for DR-110/112/119/1200/510 (Spring) (Exact Repl)	$24.95	$19.95
MB-130	Mounting Bracket for DR-130T only (Exact Repl.)	$24.95	$19.95
MB-570	Mounting Bracket for DR-570/590/599/600 (Exact Repl)	$24.95	$19.95
EMS-3	Microphone for DR-590/599/600 (Exact Repl)	$75.95	$69.95
EHM-36A	Microphone Fits DR-110/510/112/119/1200/570 & ALR Series	$59.95	$55.95
EDC-20	Separation Kit for DR-590/599/600 (5m cable, mtng brac, cover, hdwr)	$49.95	$45.95
EJ-7U	Tone Squelch (Decode) Unit for DR-590/599/600	$67.95	$62.95
EJ-8U	DTMF Squelch Unit for DR-590/599	$49.95	$45.95
EJ-19U	100 Memory Chip for DR-130T	$39.95	$35.95

SAVE MONEY ON FACTORY DIRECT H/T Batteries

ALINCO - EBP-7NAZ DJ-100,200,120,500T (7.2V 600 Mah)	$54.95	$49.95
ALINCO - EBP-10NA DJ-160,162,560T (7.2V 700 Mah)	$49.95	$39.95
ALINCO - EBP-12NA DJ-160,162,560T (12v 700 Mah) (13v chgr rqr)	$62.95	$49.95
ALINCO - EBP-22N DJ-180T/580T (12V 800 Mah)	$54.95	$49.95
ALINCO - EBP-20NX - DJ-180T/580T (7.2V 1,500 Mah)	$54.95	$49.95
ALINCO - EBP-20N - DJ-180T/580T (7.2V 700 Mah) (New Alinco Pulls - Charged!)	$49.95	$35.95
ALINCO - EBP-18N - DJ-F1T,DJ-S1T (12v 600 Mah)	$54.95	$49.95
ICOM - BP7 Fits Larger ICOMs - 02AT, 2GAT, 12GAT etc . (13.2V 700 Mah)	$69.95	$59.95
ICOM - BP-8 - Fits Larger ICOMs - 02AT,2GAT,12GAT etc. (8.4V 1,200 Mah)	$64.95	$59.95
ICOM - BP83A - Fits Small ICOMs - 2SAT, 24AT etc. (7.2V 750 Mah)	$49.95	$39.95
ICOM - BP-84 - Fits Small ICOMs - 2SAT,24AT, (7.2V 1,100 Mah)	$49.95	$45.95
ICOM - BP-85B - Fits Small ICOMs - 2SAT, 24AT etc. (12V 600 Mah)	$82.95	$74.95
KENWOOD - PB-6 - Fits TH-77, TH-78 (7.2V 750 Mah)	$49.95	$45.95
KENWOOD - PB18 - Fits new small Kenwoods (7.2V 1,500 Mah)	$69.95	$59.95
SANTEC - HT-1200, ST-144, ST-142 (9.6V 600 Mah w/plug)	$34.95	$29.95
YAESU - FNB-2 - FT404R, 207R, 208R, 708R (10.8V 600 Mah)	$29.95	$25.95
YAESU - FNB-4 - FT1123,1143,2005,2008 Also Wilson & Maxon (12V 750 Mah)	$49.95	$45.95
YAESU - FNB-10S - FT-470 (7.2V 1,000 Mah)	$54.95	$47.95
YAESU - FNB-26 (Late Model Yaesu) (7.2V 1,000 Mah)	$59.95	$49.95
YAESU - FNB-26B (Late Model Yaesu) 7.2V 1,500 Mah)	$69.95	$59.95
YAESU - FNB-27S (Late Model Yaesu) (12V 800 Mah)	$59.95	$49.95

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Journal Technical Help

HTX-202 Autopatch Bug "Workaround"

-by Gary Pearce, KN4AQ

There's a compatability problem between the Radio Shack HTX-202 handheld radio and the autopatch on some repeaters with ACC controllers.

Bill Lyon called the other day with a technique that solves the problem. The problem is a feature of the HTX-202 that holds the transmitter on the air when you send touch-tones. After you send the first tone, you can let go of the transmit switch. The radio will hold on the air for two seconds after the end of each digit you send. And that transmitter delay is the problem.

The way the controller is designed, you must drop your carrier soon after sending a touch-tone command, or the command will be ignored. Lots of users have that problem when dropping the autopatch -- they push the #, and then ID without first dropping their carrier for a second. They find the autopatch is still connected.

Many other handheld and mobile radios have a built-in delay when sending touch-tones, but ususally the delay is about a second. The HTX-202's two-second delay is too long for the controller -- it assumes you didn't want to send that touch-tone, and ignores it.

The "fix" is to take advantage of another function of the HTX-202, called "auto-reply." Auto-reply comes in the "off" mode from the factory. You turn it on by working through a function menu (see your owners manual). With auto reply on, the transmitter does not hold itself on when you send touch-tones -- you'll have to hold the push-to-talk switch all the time.

But you can make and drop an autopatch.

By the way, the HTX-202 also comes from the factory tuned to 144.200 MHz. That is the national SSB calling channel. SSB is quite incompatible with FM, and the area SSB operators would appreciate it if you don't use FM on that frequency. Use the band-plan simplex channels.

Hundt, FCC Chairman

Anti-trust lawyer, Reed Hundt, 45, the new FCC Chairman, nominated by President Clinton, according to W5YI seems headed for a speed Senate confirmation.

The cable industry is already wary of Hundt because of his close personal ties to Al Gore, who recommended Hundt for the FCC job.

Has The Influx of New Hams Caused an Onrush of Hamfests?

Yes it has!

If we examine the Repeater Journal hamfest calendar from just 2 years back, we note 28 more shows in the SERA eight states. In 1992 we listed 61 shows for SERA territory. In the 1994 calendar, we show 89 shows in that area.

North Carolina leads with 22 Hamfest/Conventions, followed by Tennessee with 16 and Georgia with 15. The chart below shows hamfest growth for each State.

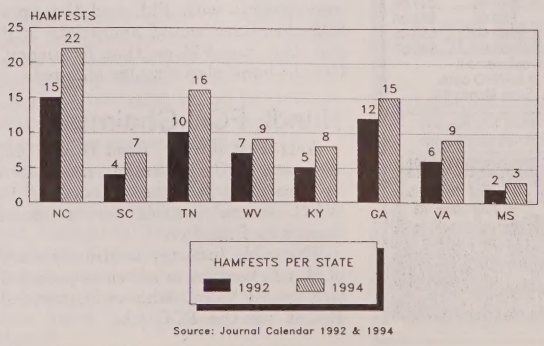
Are there too many hamfests? Some say yes, others say no. We do know there continues to be major conflicts with two shows operating on the same weekend or same day within a weekend. Some instances, dealers and flea marketeers are split, other instances, ham attendance is split, in either case, both shows are hurt - suffering from lack of venders, or lack of attendance. There are also incidents of some shows taking an entire weekend, when they really only have a one day capability. This eliminates openings for other shows to find free dates. Many times a one-day show can utilize the vacant Saturday or Sunday of the same weekend of a nearby one-day show. This encourages venders to attend both shows. No vender will attend a ONE day show on Saturday, then drive on to the SECOND DAY of a TWO day show Sunday.

Open dates or weekends are becoming a premium and are hard to find. We already have a number of conflicting dates for 1994. In all instances, both or all shows will suffer. We don't understand whether its pride, ego, or what continues to make many of them remain as they are - year after year, knowing that going against another show nearby is suicide. We know, sometimes, larger shows in convention centers are locked into undesirable dates, and this is understandable, but those who have a choice of dates but continue with conflicting dates cannot be understood.

The busiest hamfest month is October with 14 shows scheduled for 1994. Second biggest is June with 12, followed by April with 11. The months of August and September have 8 shows each, followed by May with 7. December has no SERA territory shows, January has 3 and March has 4 and July 5.

Anyone planning a show, wanting to move to a better date, or have any questions, they are encouraged to call the Repeater Journal Editor who keeps an up-to-date hamfest database, not only of SERA Territory, but many adjacent states to our territory. He also has 24 years of attending hamfests under his belt, which might assist in answering other questions you might have.

Hamfests/Conventions
In Eight SERA States



Source: Journal Calendar 1992 & 1994

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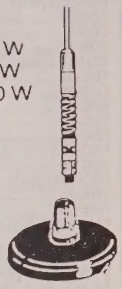

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A Reader Responds to August Journal Article

Gary Pearce, KN4AQ
SERA Repeater Journal
C/O Editor

Dear Mr. Pearce:

Having been involved in providing emergency automotive service since I started operating a tow truck for a friend of mine over 14 years ago, I found your comments on the proper way of summoning emergency assistance using an autopatch to be very interesting.

One thing I would ask you to reconsider is your statement that it would be a violation of FCC regulations to recontact the repair service provider. While it may be true that the person who originally placed the call is no longer in danger of being in an accident, other persons are placed in danger as a direct result of the service call not being cancelled immediately.

One person who is placed in a hazardous situation is the mechanic or tow truck driver who is looking for a disabled vehicle that is no longer there. In order to locate and properly approach a disabled vehicle it is necessary to drive at a considerably reduced speed. I know of several incidents where emergency service vehicles have been struck from the rear while looking for vehicles. The driver may also turn around in the median and go back the other way looking for the vehicle on the other side. He may do this more than once, in order to be sure he didn't miss the disabled motorist. Anyone involved in this industry can tell you how dangerous making a U turn on an expressway is.

The service vehicle that is looking for the disabled vehicle almost certainly also has other calls holding.

During the time he searches, these other motorists are placed at considerable additional unnecessary risk by the amateur operator's failure to call and cancel the request for assistance. It seems to me that if the ham operator is in sufficient danger for him to use the radio to summon assistance, then the increased danger caused to other motorists who are being forced to wait for assistance justifies the use of the radio to cancel the call.

There is another problem associated with this situation which has no bearing on the legal question raised, but which is still worth considering. I became involved in providing emergency road service at about the same time that CB radio became popular. About a year after the CB boom started, no one in the town where I was living would respond to a request for assistance received via the CB radio, due primarily to the fact that about 60% of these calls were "dry runs."

While I don't believe that amateur radio is going to turn out like CB, I would point out that many emergency road service providers are not aware of the differences. If they find that a significant number of the calls they are receiving via amateur radio are no-shows, these mechanics and towing operators may stop responding. It is important to remember that these are, in most cases, private business that are responding, not government agencies.

Thank you once again for the excellent article, and for allowing me to share my concerns.

Sincerely,
Robert James (Jim) Dean

Gary Pearce's Reply:

"Now that's the way to write a letter! No anger or name-calling - just a well-reasoned argument. Jim has convinced me that I overlooked an important safety concern, and I have changed my opinion. I now feel the call clearly would have been legal under the old rules, although the question may be academic now.

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Amateur Radio assists in a Cave Rescue

Link To The Outside World

-by Jerry Haislip, KO4SO

After spending a rewarding and exciting full day of working a local Amateur radio special event station, thoughts of home and getting a good nights sleep were first on the list of things to do. However, that want for a state of rest would be superseded by an urgent call from N8IZU from nearby Covington, Virginia. The request, "can you make a few emergency phone calls in the Roanoke telephone exchance?" Without questioning a reason, "yes!" was my quick reply.

But I'm in my car this minute! To obtain needed help and speed up handling of assistance a call was put out on the local Roanoke 146.745 KC4DY repeater for an operator with a telephone to help make a few emergency calls. "No reply!"

The autopatch couldn't be used because information needed to be secured from the other repeater and it would take someone able to bring up both repeaters. So with only 3 or 4 minutes on the road remaining I agreed to make the calls and continued swiftly home. Food and sleep would just have to wait!

Making the connections of my 2 meter radio and moving to the Covington 146.805 repeater, I found a full blown emergency operation in progress. They needed assistance of phone calls info many local areas and Roanoke was one currently requested.

The exact nature of the situation was not clearly stated and because of the lack of rescue working space I understood the reason for not wanting to alert the local news media at this time. By monitoring traffic messages, details were quickly learned. Someone was trapped deep inside a cave somewhere in the mountainous rural area near Covington. This person had fallen, had major injuries and needed to be removed to better conditions as soon as possible. Requests for Emergency Medical trained EMT/Shock Trauma cavers, a general need for those cave trained and experienced in vertical rescue was high on the priority list. Some local medical rescue people were on the site but getting the victim free and lifted out through a narrow keyhole opening to safety was now what resource was needed.

After a brief time of monitoring the repeater frequency, my call was entered, "KO4SO - Roanoke on frequency." The calm voice of the station in control returned to my call, "This is KD4SZS, name here is Buddy. Do you have access to the Roanoke phone exchange and will you make a few emergency calls?"

My reply, "Yes" and I gave my name and told him to go ahead with phone numbers, names and messages. Buddy gave me all of needed information. "Call the folks from Blue Ridge Grottoes and tell them we need 4 or more members of their group here by 11 p.m."

The call was placed and a lady named Kitty (a member of Grottoes) was on the other end of the phone line. She took all the information and said she would start locating members. I asked her to be sure to give me a call back and allow me to pass returning information back to the scene, when she promptly did.

After returning traffic was passed, other areas of Virginia and West Virginia were also sent along the same urgent request to call Grottoes groups in their regions.

I sat back and listened as this rescue drama unfolded.

Mountains and valleys made normal cell phone and low power rescue mobile units communication impracticable and unuseable. The operations on the mountaintop Amateur repeater was continuous for the next few hours.

One (there was another on site but did not hear his call) Amateur radio operator, KD4SZS, Buddy, at the command post with one H/T transceiver made all out-going communications requests and received all the replies from up and down the entire western part of the State and parts of West Virginia.

For those at the rescue site, Amateur radio was their only link to the outside world. Some local and state emergency officials didn't know Amateur radio mountaintop repeaters were located in these remote areas.

Starting out as a request from local rescue squad officials for assistance from a couple of local hams to provide emergency communications for this rescue turned into a multi-area and multi-state communications effort.

Before it was over, local rescue squads, fire departments, Grottoes rescue teams, state EMS officials and ARES and a large group of "helping hams were involved.

Early the next morning an injured caver (in fairly good condition) was on his way to a Roanoke hospital via LifeGuard 10 helicopter.

As a result of direct communications assistance, Amateur radio helped in the safe rescue of a trapped, injured caver. The man was lucky - he had some good help from Amateur radio friends, and dedicated rescue workers along the way.

(Note: the ham calls given in this item were the only ones I was involved with, however, many others were involved as many hams were assisted in the rescue effort.)

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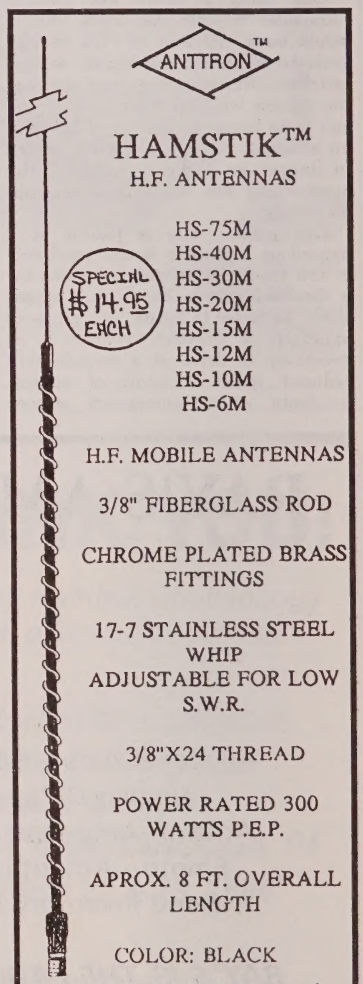

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NOVEMBER ISSUE - October 1.

The Repeater Journal is published by and is the voice of SERA, INC.

Just for Repeater Owners!

Useful Tidbits of Interest

A Change To Repeater Index

David Ward, KA4LVO, database keeper for SERA said that he is making a slight change in the repeater index to assure more accuracy in the future.

Previously when a repeater was coordinated it was listed in the Journal index - but we find that many proposed repeaters never get on the air. This makes inaccurate listings.

David said effective August 15th, when a new coordinated repeater is listed, is will be placed in the Journal as "PR" - a proposed coordination. When the repeater owner gets his machine on the air, he is to forward SERA Form 5 to his Director, and the "PR" will be removed - classifying the machine as on-the-air.

It wasn't mentioned, but we would assume that any machine remaining in the "PR" listing for a certain time, will be deleted if the Form 5 is not received from the repeater owner.

* * * * *

While on the subject of databases - David said the datasheets were piling in. He said he had an 11-inch stack waiting to be keyboarded into the computer. If you, as a repeater sponsor or owner did NOT get a datasheet in the past few weeks, you should call David immediately at (910) 983-0879. If you get the recorder, mention you didn't get a datasheet, give your name and callsign, and phone number, and David will get back to you. It is imperative that we get datasheets out to EVERY known repeater.

* * * * *

I hope you take time to read about our record Full Member report on page 3. We are humbly graateful for your outstanding support in 1993. We hope all of you will join as Full Members again in 1994. If by any chance you didn't utilized the renewal or join section of the datasheet, there is a short form on page 34 you can use. Membership is NOT required for SERA service, but your support is solicited and needed to carry on the job of coordination throughout 8-states.

* * * * *

Stu Simms, N4MXC, our Georgia Director reviews the CAT-1000 repeater controller elsewhere in this issue. You might give a look. We also have several controller advertisers who support the Journal. You might want to check each one out carefully and use their services if you are in the market.

* * * * *

Our new 1994 repeater census of SERA terrtitory will be conducted in January for the February edition. We do this every year to examine growth in repeaters. It will be interesting to see if the 70 cm band continues to be the band with most growth. We had 1731 repeaters after our census last January.

* * * * *

SUB-TONES are something that more repeater owners are looking at. It's not such a big deal anymore. Most all controllers have the capability, and every new radio on the market for the past 5 years has sub-tone encode built-in. If you are experiencing difficulties that you can't seem to solve, try going tone access. I dare say about every one of your users will have the capability - and everyone will feel better.

* * * * *

Don't hesitate to contact your Director or Vice-Director if you need help on anything. They know persons you can contact who is a "residence expert" on just about any kind of problem. If they cannot solve the problems, they can give you a name to call. That's what ham radio is all about - sharing and helping. If you have a particular skill in the art of repeater operation, tell your Director about it.

* * * * *

We still love pictures and stories about repeaters. Users are always pleased to see a writeup about their home repeater. If you have something unusual about your system, write it up and send it in. New repeater going up? Let the Journal cover it. (We take typewritten copy, floppy disc in ASCII or about any word processing program) Photographs B & W or color. Color cover photos we generally prefer color slides, but larger color photos sometimes work. Call us!

* * * * *

COORDINATION RULES - SERA Coordination Policy (Pgh. 9) - If you move your repeater from a low to a higher site, or if the ERP is significantly increased. (A change of 1 dB in radiation power, or a horizontal move of more than 1,500 feet) - your Coordinator should be notified immediately, so he can re-cordinate your machine to the new parameters. Remember your original coordination was for a specific location, specific antenna height, and a specific dB gain antenna with a specific ERP. Generally no problems occur with a small move, but your move could cause a problem. Be sure, find out, by notifying your coordinator.

* * * * *

Remember, this column is for you repeater sponsors and owners. If you have some hints, tips, or information needing sharing with other repeater owners, send it to the editor, we'll get it in the column next issue.

Over 3500 repeater listings, updated EVERY quarter - The Repeater Journal continues to be the "Bible" of VHF/UHF operator throughout the Southeast. Pass your old copy of the Journal on to a Friend - Better still, get him to join this great organiztion. He'll thank you!

Bar Coding, The Journal and the Post Office

-by David Ward, KA4LVO

Back in May, our good friends at the US Post Office advised me to take advantage of using the Postnet bar-code on the labeling of the Repeater Journal. Here's a running dialogue of what transpired. You can figure out why your mailing label this issue is not bar-coded.

May, 1993.

"Whew! Had 58 sacks this time. Here's my sample for the weighing."

"You ought to bar-code this stuff. You'd save money on postage costs."

"Really? How much?"

"I don't know for sure, but it'd be worth it. Has your mailing list been CASS coded?"

"Yeah. The Post Office in Winston-Salem did that for me."

"OK then, you're all set."

"I'll get some software to generate the right kind of bar-codes and do it next issue. See you in August!"

August, 1993 10:00 am.

"Good morning. Got 'em coded this time. I know I'll need help with filling out the paperwork. I'll be back in after I get the truck unloaded."

10:30 am.

"OK, they're out there. All 57 sacks. Hope I've done things right. Took 14 hours to print labels on a dot matrix printer. Here's the breakdown."

(Looking at bundle of Repeater Journals) "Who told you this material could be mailed with bar-codes?"

(Pointing) "He did. Told me that back in May."

(Response from other room) "Sure he can; our machines can now read flats. Go ahead and help him out."

(Pointing at list) "OK, this can go at the cheaper rate. So can this. Not enough of this grouping though. Get all this kind of grouping together and put the answer in this column. The rest have to go over here. Take this column, multiply by this, add it to the column below, put that number over here. Then do that here, here, here, and here. Add those three, no four, no five numbers together, put the answer here and carry it to the front page."

"OK Thanks for the help."

11:10 am.

"You want to look over this? That way, I'll know whether I did it right or not. Next time, it won't take as long."

"Sure. Uh-um . . .OK . . . that's fine . . . Looks good to me. Oh, I need you to fill out this form." (Form is filled out). "I think we've got everything. Guess you can go. . . . Oops, forgot the CASS statement. Do you have the form from the company that coded your file?"

"No."

"Well, that's OK. Here's a blank form. Put the date that the list was coded here."

"Don't have the exact date. Think it was in April of 1990."

"Uh-oh, we've got a problem. The list must be coded once a year. I'm sorry. We can't accept this."

"I'm sorry too. I've wasted too much of your time. Guess I'll fill out the regular third-class bulk forms. I'll be outside on the dock."

11:25 am

"I know these are right. Weight agrees with your actual scale reading! I'll put some money in the account and go. See you in November!"

11:35 am.

"Wonder what we might have saved? Comparing the two sheets, looks like $41.00. Thats $164.00 a year. Offsetting that is the cost of the software, the cost to have our list coded once a year, taking three times as long to print the labels as normal, the extra time required for paperwork and record keeping. Now, just press the equal button, and we'll get our big savings . . . **36 cents!**"

Offload your Workload!

A SCHEDULER feature in your repeater controller uses a clock/calendar to automate jobs that would otherwise be done manually. It works by comparing the actual time and date to a list of programmed *setpoints*, then taking some action when a match occurs.

Other companies may have schedulers, but only S-COM does it all...

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- Executes up to 10 setpoints falling at the same moment in time. *(Some execute only the first setpoint found.)*
- Supports owner-defined commands—not just factory preset conditions—providing extreme flexibility.
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- Supports *wild card* parameters to simplify programming.
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- Start the net with a tone page each Tuesday at 7:30 PM.
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- Use the ID'er to announce the club breakfast on the first Saturday of each month.
- Have a pager test at 6:00PM on the 15th of every month.
- Extend the timeout timer on weekends, reduce it on weekdays.

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Repeater SERA Journal

MISSISSIPPI NEWS

-by Steve Grantham, N5DWU
Send News To: P.O. Box 127, Ellisville, MS 39437

The Columbia repeater, on 147.285 is on the air. The repeater is open and autopatch equipped. According to Richard Davis, jr., N5SPF, the repeater is operating from a temporary location downtown. The mobile coverage area extends to only 15 miles out for now. Davis says the repeater will move to a better site when one is located. The current site is on the Pearl River flood plain. Davis, the new repeater owner and trustee, is an Attorney. The repeater was acquired from previous owner/trustee, KB5EZN.

*****

Carlos Faul, KA5CYR, has installed a UHF machine at McHenry. The repeater on 444.75 covers much of the Mississippi coast. Coverage should be similar to the 147.33 machine, located at the same site. Both repeaters are sponsored by the Harrison County Civil Defense.

*****

John Perry, Jr., AA5RZ has a fine UHF machine on 443.625 at Brandon. The repeater is open, equipped with autopatch, and has emergency power capability. With 40 mile mobile range, the repeater covers much of the Jackson metropolitan area.

*****

The MCARA repeater (146.73) at Gulfport, has experienced trouble in recent times. Operating at reduced power, with the loss of it's power amplifier and power supply, the repeater seems to still be serving its users well. The repeater receiver has also been rejuvenated. Thanks to N5YFR for information.

*****

By the time you read this, the MCARA Biloxi Hamfest will be history. I'm sure we will all have had a big time, some folks having hit the casinos, some having been lucky, and some not. (If you didn't make plans early, it probably took some luck to find a hotel room.)

*****

The Jackson Hamfest, sponsored by the JARC, will be February 5-6 at the Wahabi Shrine Temple. This will be the 3rd year at the I-55 south location. The talk-in frequency is not confirmed, but listen for W5PFC on 146.76 or 146.88. Hank Downey, K5QNE, and Travis Cliett, KJ5MV have been tireless in their efforts to plan the 1994 hamfest. I'm sure it'll be another good one (maybe better than that.) When you see or hear these guys, be sure to express your thanks for their time and energy.

*****

The Waynesboro repeater, KI5WK (on 147.105), is back on the air. As noted in the last news column, the repeater had transmitter difficulties. The machine, a GE MASTR II, ran on a mobile power amplifier at reduced power until the original unit could be repaired.

*****

Lots of coordination packages have gone out in recent months. Only a few have been returned. If you're having difficulty with the forms, contact me with your questions - I'll be glad to help expedite your application.

*****

There's got to be more news out there than I'm reporting here. If you have news, and would like to see it in the Repeater Journal, drop me a note with all the details. Remember, this column is a forum for all us Mississippi repeater folks. Send me your "two cents worth" for including in the upcoming February issue. My deadline is January 1, 1994. I need your input a couple of weeks in advance, place. Thanks!

Oh Yes! We need more Mississippi readers. Each of you try to get a friend to join SERA. -Steve

Steve Grantham COVERS Mississippi, Every Issue - Every Quarter in the Repeater Journal. Tell Your MS Friends to Get the Journal and know the news!

1994 ARRL Handbook

The new 71st edition of *The ARRL Handbook,* is now available from the ARRL or from your favorite Amateur dealer. The 1,184-page *Handbook* is a great reference for radio amateurs. Shortwave listeners and other electronics hobbyists also value the book.

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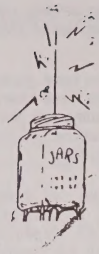
Phone: (803)229-3176 or
Robert Skutt W8PC - 312 Ashcroft Drive - Greenwood, SC 29646
Phone: (803)229-9545



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To Reserve Space or More Information Call: (919) 894-3352, 894-5479, & 772-8726 (7:00 PM – 10:00 PM)

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PHONE (____) _____

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Repeater SERA Journal

tales from the happy hamett

(Ham Radio from the Ladies Perspective!!)
-by Cindy Rogers, KD4EVS

A lot of men from all over have asked me how to get their wife or girlfriend to become interested in Amateur radio . . . If you REALLY want her to become a HAM the, you must forget forcing her to do it.

You WON'T win her that way. Here are some things that might work. I know because I once was a woman who felt the radio was my rival for my beloved's affections before he encouraged me to study to become a ham.

You might have to promise her a cute little radio that will fit in her purse, get her a Callbook with it's endless marvels, (be sure to wait and get one with her call in it). How about a callsign plate for her car.

Ask her to go to Hamfests and make sure you spend time with her there! Offer to teach her or arrange with another ham to get her help to get her license if she says the you're making her crazy. Make it as attractive as you can. After she gets her license, make it a special day of celebration.

Compliment her on her technical achievement in successfully learning radio and electrical theory. Us women hams don't want to just be thought of as "lucky-one-test wonders."

I may not be able to build aa radio from scratch, but I can be useful and productive in technical and non-technical ways. And don't choke, but make room for her in the Ham Shack. Don't get her to get her license and then leave her out. Let people know that you are proud of her studies to become a ham and getting that first license.

Ham radio certainly has the marriage of this HAMETTE and her Radio Romeo! It is becoming more of a hobby of fun with each other, service to others, and we are enjoying the friendship of the best people in the world-other Hams!!!

ON ANOTHER SUBJECT: One of the biggest frustrations of the "young" hams as well, I'm told, of the "old" hams, is "getting in" to talk on a repeater. People complain about others who talk, Zap, unkey, Zap, key up, Zap and not a pause nor a breath between! Hey! - give some lag time to others. Ain't nobody nowhere impressed with how fast two hams can talk. Give it some room and give it some rest.

And Our Hint For This Issue!

Excuse me, phone patch people, I have a silly little HAMETTE question for someone to answer. Is the auto-patch for people to call home just to talk?

Can I REALLY use it INSTEAD of a pay phone like you do? I hear such ordinary conversations between people using it. I thought it was for HAMS on the road or in an emergency without a phone to use for a short call. I did not think it was just for chit-chat. Silly me. I see that I MUST be wrong. I think I will get in the car and call my Radio Romeo for a Loooonnng talk a few miles from home.

Annnnddd (don't stop me now, more room on the page)!!

HAMETTES, Winter is almost here, and its time to get that old rusted HAM out of the chair behind that beer gut and VCR and working in the yard for you!!! Has your ole man HAM been ignoring you? Has he been spending too much time indoors with that nasty old radio? Well, HAMETTES let's head 'em up and move 'em out . . RAAAAAWWHHHIIIIIDE!!!!! First on our list will be to get him to clean and decorate those antennas he has all over the yard. Yes, Girls, we are gonna get that HAM of ours out and moving. I can garuntee that when you say YOU want to do something (anything) to "his" radios or "his" antennas, he WILL move AND he WILL pay attention to you.

Thats all for now (for sure!!). . . see ya in February!!

SERA Quarterly Financial Report

-by Ray Adams, N4BAQ, Treasurer

FINANCIAL REPORT FROM JANUARY 1 to SEPTEMBER 30, 1989, 1990, 1991, 1992, and 1993

Dues	$6/$15	$6/$15	$6/$15	$6/$15	$8/$20
REVENUES	1989	1990	1991	1992	1993
Advertising	$ 7,084.00	$ 8,672.70	$ 7,661.65	$ 8,235.25	$ 8,416.00
News stand sales					1,601.00
Associate membership dues	8,507.25	7,512.00	8,404.00	11,284.65	11,473.75
Full membership dues	3,882.50	5,807.00	5,297.50	3,949.75	5,709.25
Decals	31.00	33.50	142.75	52.00	3.00
Interest	216.55	338.09	383.68	341.54	134.45
Contributions	336.40	100.00	50.00	200.00	125.00
Other	100.00	95.25	207.50	132.25	- 0 -
	$20,157.70	$22,558.54	$22,147.08	$24,195.44	$27,462.45
EXPENSES					
Journal distribution	$ 2,228.18	$ 2,147.37	$ 2,772.85	$ 3,561.03	$ 4,227.33
Journal production	15,511.23	13,121.32	12,775.09	18,540.73	21,543.25
Miscellaneous	115.75	140.00	96.61	- 0 -	626.56
Travel and meetings	1,856.42	1,469.98	847.86	2,561.45	3,743.82
Office expenses	386.47	587.35	1,269.96	1,055.75	210.97
Amortization of office machines	1,125.90	1,322.52	2,059.43	2,078.44	1,526.36
Postage - other than journal	1,368.26	859.28	1,380.14	1,899.03	1,173.24
Printing - other than journal	418.41	464.64	233.64	772.15	537.28
Telephone	426.12	515.56	1,220.64	1,261.26	1,137.49
	$23,436.74	$20,628.02	$22,656.22	$31,729.84	$34,726.30
REVENUES OVER (UNDER) EXPENSES	($ 3,279.04)	$ 1,930.52	($ 509.14)	($ 7,534.40)	($ 7,263.85)
Balances, Beginning of year					
Expenses advanced	$ 900.00	$ 900.00	$ 900.00	$ 900.00	$ 900.00
Invested in office machines	3,026.00	3,203.60	2,749.00	4,340.50	4,475.00
Cash in bank	5,393.35	4,156.54	9,130.27	12,958.28	8,198.64
	$ 9,319.35	$ 8,260.14	$12,779.27	$18,198.78	$13,573.64
EQUITY TO ACCOUNT FOR	$ 6,040.31	$10,190.66	$12,270.13	$10,664.38	$ 6,309.79
Less:					
Expenses advanced	$ 900.00	$ 900.00	$ 900.00	$ 900.00	$ 900.00
Invested in office machines	3,203.60	2,749.00	4,340.50	4,475.00	2,948.64
	$ 4,103.60	$ 3,649.00	$ 5,240.50	$ 5,375.00	$ 3,848.64
CASH IN BANK	$ 1,936.71	$ 6,541.66	$ 7,029.63	$ 5,289.38	$ 2,461.15

Let's Go For "More In '94"

It's a new theme you will read and hear more about beginning with the February issue of the SERA Repeater Journal.

Our new project will involve contests, with clubs, individuals and members who go out and get Associate members for SERA.

We can't talk much about prizes yet, because they are still to be determined, but we can say they will be worth anyone's time for a chance to win one. (there will be several)

SERA Associate Memberships, are still sluggish - we want to change that. An organization the size of SERA, with the support of repeaters our organization has in the 8-states we cover, we are quite lacking in Associate Memberships.

So we're going to do something about it with your help. We'll dangle the carrot, and see if you grab a chance at it. Everyone likes a little challenge, especially if not much work is involved.

So if you are a sporting fella or gal, be sure to read about our ***"More in '94"*** contest in the February Repeater Journal. Take the information to your club, spread it over the repeaters, and lets make our biggest promotion ever, our most successful one ever. You might win, and we all win with more membership for SERA!

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E. TENN. REPEATER NEWS

-by Tim Berry, WB4GBI

Send news to: 214 Echodale Lane, Knoxville, Tn. 37920

By the time you read this, Fall will be in full swing. It has been a busy summer for repeater activity in East Tennessee:

First of all, I must correct a mistake I made in my last report. I reported that Benny Peterson, WB4SQC, was the proud owner of a new 220 repeater on Holston Mountain in upper East Tennessee. Well, If I hadn't been asleep at the wheel and had paid attention to my notes, I would have told you that Sam Snyder, WD4SBX, is the proud owner. He also owns the 147.21 Mhz and the 442.200 Mhz repeaters at that location. Check them out...and tell Sam that an apologetic WB4GBI sent you! Maxima Mea Culpa, Sam (and Benny too)!

* * * * *

As I reported to you last time, Jim Sayne, KD4IBW, has placed a new coordinated 224.70 Mhz repeater on the air--and it now has a new mountaintop home. From high atop Bluff Mountain (3000' AMSL), Jim's repeater provides great 220 coverage for the Knoxville area. I don't think Jim will mind if I say that he has another coordination request pending on 440 Mhz. Stay tuned!

* * * * *

Bob Jordan, KN4VY, has coordinated a new 440 Mhz repeater in Dayton. The 442.075 Mhz machine is located on Lone Mountain and was previously owned by Andy Zorca, WJ9J. In fact, the repeater will be linked to the other repeaters in Andy's "system."

Speaking of Andy, WJ9J...he has coordinated a new 440 repeater on 3200' AMSL Bean Mountain near Benton. The 442.025 Mhz repeater is also linked to his 442.150 and 444.450 Mhz repeaters. The trustee for Andy's newest machine is James Church, KA3SWI.

* * * * *

Stephen Shupe, KC4NNN, has coordinated a new 440 Mhz repeater to be located on Bluff Mountain near the KD4IBW machines. The frequency is 444.425 Mhz, and it should be on the air in the near future. Steve also has purchased a local (Knoxville) two-meter repeater. More on that next time.

* * * * *

Mike Hopson, N4WXS, has moved his 144.65/145.25 Mhz repeater from Bakersville, North Carolina, to Erwin, Tennessee. The N4WXS repeater is located on Pinnacle Mountain at 3340' AMSL. This repeater should cover the Upper East Tennessee area well.

* * * * *

Ken Gossett, K4PHT, in Dayton has been busy...he is the proud owner of two new machines! Both repeaters are located on Walden's Ridge, on the Dayton Mountain Range (1860' AMSL). His first new repeater is the 144.65/145.25 Mhz repeater, and the second is on 223.24/224.84 Mhz. Congratulations, Ken!

* * * * *

Also in the Southeastern Tennessee area, Bill Schenck, KD4LDU, has coordinated a new local coverage two-meter repeater on 146.46/147.06 Mhz. Look for it to be on the air really soon (maybe now!).

* * * * *

The guys in Southeast Tennessee have been busy...here's another one: Ernie Johnson, KD4NEB, has coordinated a new repeater to be located in Cleveland. The new KD4NEB machine will be on 147.705/147.105 Mhz. This machine will be co-located with the 442.450 Mhz repeater that Ernie already owns.

* * * * *

Meanwhile, back in upper East Tennessee, Jerome Christian KE4FH, has been busy as well. His new repeater is on 449.100/444.100 Mhz. The KE4FH machine will be located near the 146.79 Mhz repeater on Buffalo Mountain in Johnson City, at 3200' AMSL.

* * * * *

As you can see, it has been a busy summer! It also serves me right for missing the July issue deadline. However, there is more to come! I have several coordination applications pending, and hope to report on them as well as **your** news in the next issue of the Journal!

A final note: The SERA datasheet for your repeater(s) should already be in your mailbox I urge you to complete and return it using the envelope provided as soon as possible. If you have not received a datasheet for your repeater(s), contact David Ward, KA4LVO at (910) 983-0879 - leave your name, callsign, and phone number on the machine, ask to send you a data sheet - he'll get back to you. This information is **invaluable** to your coordinator as he attempts to manage frequency coordination in your area. SERA member or not, this is a very important tool in the frequency management process for new and existing repeaters. THANK YOU IN ADVANCE!!

* * * * *

What is **your** repeater or repeater group doing? Would you like to let all of the SERA Journal readers know about it? Do you need coordination assistance? Write me, call me, send me smoke signals, etc.,. My packet adr: WB4GBI@KT4F.#METN.TN.USA.NOAM. My internet adr. is BERRY@UTKVX.UTK.EDU. And my address and phone number is in the front of this Journal. HAPPY HOLIDAYS!!

Tim WB4GBI, SERA TN Vice-Director

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THE SERA OFFICIAL REPEATER INDEX

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SERA will not be responsible for incorrect or omitted listings. The responsibility of correct listings are those of the actual repeater owner or sponsor. We make every effort to keep the index as accurate as possible with information provided. The SERA Repeater lists contain certain repeaters which are NOT coordinated or not operating according to recognized frequency utilization plans. SERA does not necessarily condone, or recognize such repeaters as being legal or illegal. They are listed in our indexes primarily to keep our readers informed of all repeaters known in the areas served by SERA.

Repeater owners are reminded to contact their local Frequency Coordinator (Director) for assistance in coordination, changes in their listings, or any other requirements.

SERA SIMPLEX FREQUENCIES

10 Meter:	29.60						
6 meters:	52.49	52.51	52.525				
2 meters:	146.40*	146.415*	146.43*	146.445*	146.46*	146.475	146.49*
	146.505*	146.52	146.535	146.55	146.565	146.58	146.595
	147.405*	147.42*	147.435*	147.45*	147.465*	147.48*	147.495*
	147.51	147.525	147.54	147.555	147.57	147.585	
220 MHz:	223.42	223.44	223.46	223.48	223.50	223.52	223.54
	223.56	223.58	223.60	223.62	223.64	223.80	223.82
	223.84	223.86	223.88	223.90			
440 MHz:	445.825	445.85	445.875	445.90	445.925	445.95	445.975
(not all listed)	446.00	446.025	446.05	446.075	446.10	446.125	446.15

* Permitted unless operation would cause interference to repeater inputs - be aware that SERA coordinates some of these frequencies as repeater inputs in some areas

SERA DIGITAL/PACKET SIMPLEX FREQUENCIES

2 meter:	144.91	144.93	144.95	144.97	144.99	145.01	145.03
	145.05	145.07	145.09	145.51	145.53	145.55	145.57
	145.59	145.61	145.63	145.65	145.67	145.69	
220 MHz:	223.68	223.68	223.70	223.72	223.74	223.76	223.78
440 MHz:	430.05	430.15	430.25	430.35	430.45	430.55	430.65
	430.85	430.95	440.975	441.00	441.025	441.05	441.075

Note: 430.75 mhz is reserved for ATV Audio Channel

NOTE: Digital operators are reminded to check with local Digital Societies for which digital channels are available for various digital usage, in their particular area. Some channels are for exclusive use of LAN or BBS, etc. usage.

This index is updated as of October 18, 1993.

DISTRIBUTION OF REPEATERS BY FREQUENCY

PLEASE NOTE The letters column between the frequency and the city indicates suffixes of the repeater callsign.

2 METERS

4.61 /2.525 ARK NASHVILLE....TN
4.054/EACONGSMHIGH KNOB....VA
4.28 /EACONMWMEMPHIS....TN
4.297/EACONZRWMEMPHIS....TN
4.51 /5.11 TUN AUGUSTA....GA
MXC COCHRAN....GA
UOX DOUGLASVILLE....GA
UOX DOUGLASVILLE....GA
HYE MENDENHALL....MS
WA PASCAGOULA....MS
JTX CHERRYVILLE....NC
TOH COLUMBIA....NC
RXG SAURATOWN MT....NC
JMT CONWAY....SC
Y COOKEVILLE....TN
SBX GRAY....TN
BOX JACKSON....TN
QB KNOXVILLE....TN
ARK NASHVLE/FAIRVIEW....TN
YPE RICHMOND....VA
MCRSALT ROCK....WV
4.53 /5.13 SEX NEWNAN....GA
Y VALDOSTA....GA
RBL LA GRANGE....KY
VF MOREHEAD....KY
YNF AHOSKIE....NC
CS GREENWOOD/HODGES SC
KIV SUMTER....SC
CMY CHATTANOOGA....TN
O #COLLIERVILLE....TN
SSB GALLATIN....TN
OAK LAFOLLETTE....TN
KRM #SHELBYVILLE....TN
VL GALAX/LKOUT MT....VA
FHE BUCKHANNON....WV
4.55 /5.15 MM ALBANY....GA
AQL ATLANTA....GA
LT MILLEDGEVILLE....GA
TLK MONTICELLO....KY
IWZ PIKEVILLE....KY
LFP PICAYUNE....MS
AAY BUXTON....NC
CVM RANDLEMAN/GBO....NC
OXE INMAN....SC
LWY SUMMERTON....SC
RJC DECATUR-PONE KB....TN
XS FRANKLIN....TN
JXI MEMPHIS....TN
ARO GREENBAY....VA
HDB MARMET....WV
4.57 /5.17 JBF COOLIDGE....GA
DIW JONESBORO....GA
PRH HALLS GAP....KY
BRN HORN LAKE....MS
ZQB NEWTON/ANDSN MT....NC
UO OXFORD....NC
TUN AIKEN....SC
GBI KNOXVILLE....TN
BRN MEMPHIS....TN
LHO MURFREESBORO....TN
ZUA NORFOLK....VA
FRV BECKLEY/BOLT....WV
4.59 /5.19 ULJ PINE MT/HAMILTON....GA
UVT BOONEVILLE....MS
CJR HATTIESBURG....MS
SQN JACKSONVILLE....NC
BVW MT MITCHELL....NC
OTT CARTHAGE....TN
XX JASPER....TN
FAX RICHMOND....VA
YJJ RICHWOOD....WV
JGY WHEELING....WV

4.61 /5.21 KEC EASTMAN....GA
PSZ FAYETTEVILLE....GA
U DEANE....KY
PRH LEXINGTON/GRGTWN..KY
WRE POPLARVILLE....MS
OLC HIGH PEAK MTN....NC
TQD TRENTON....NC
NEP GASTON....SC
BBB KNOXVILLE....TN
ARK NASHVILLE....TN
MS KILMARNOCK....VA
QOJ ROANOKE/POOR MT..VA
RAG WINCHESTER....VA
FEQ HUNTINGTON....WV
4.63 /5.23 JEH CONYERS....GA
UJ DALTON....GA
COL WAYNESBORO....GA
PRH LOUISVILLE....KY
VBH BEULAVILLE....NC
BFB CHARLOTTE....NC
RA LAVERNE....TN
KIE MAYNARDVILLE....TN
DBB BEDFD/APL ORCH....VA
MT NEWPORT NEWS....VA
4.65 /5.25 BLQ CLAYTON....GA
ZGR GRAY....GA
GL SCOTTSVILLE....KY
SJE GREENSBORO....NC
UIV CHARLESTON....SC
PHT DAYTON....TN
BRV ERWIN....TN
WXS ERWIN/PINNACLE....TN
DRL FISHERVILLE....TN
MMI POCAHONTAS....TN
CZJ BEAVERDAM....VA
4.67 /5.27 CGV SANDERSVILLE....GA
PN WALESKA/PNLGMT....GA
NBG WALLS....MS
DZJ WIGGINS....MS
KNI HENDSVL/BERWLW M...NC
AR MIDWAY....NC
BQF RALEIGH....NC
GYM WEST COLUMBIA....SC
WZK HENDERSONVILLE....TN
CJX SEV/SHIELDS MT....TN
SKE MARION....VA
FMD CRAIGSVILLE....WV
4.69 /5.29 DRQ ATLANTA....GA
TDL AUGUSTA....GA
PL LAWRENCEBURG....KY
PRH STANTON....KY
L VICKSBURG....MS
BFB CHARLOTTE....NC
XC CLAYTON....NC
GGD GREENSBORO....NC
VCM CHATTANOOGA....TN
SQC JOHNSON CITY....TN
FFM RIDGETOP....TN
NDH CHESAPEAKE....VA
YLX TROY....VA
ZXP GLENVILLE....WV
4.71 /5.31 CEK COLUMBUS....GA
JDR STOCKBRIDGE....GA
GOJ CHATAWA....MS
WPM BAKERSVILLE....NC
QAA GREENSBORO....NC
GY BEAUFORT....SC
PF ROCK HILL....SC
PNI ATHENS....TN
SC JACKSON....TN
ECD LAFAYETTE....TN
G BECKLEY/LAYLAND....WV
4.73 /5.33 OGE JONESBORO....GA
YUU LEXINGTON....KY
CYR GULFPORT....MS
J MT. AIRY....NC
YP PIKEVILLE....NC
DFP BAMBERG....SC

DBJ CUMBERLAND CITY....TN
TEM KNOXVILLE....TN
DRL MEM/FISHERVILLE....TN
GQI FARMVILLE....VA
F NORFOLK....VA
QC PARSONS....WV
M WILLIAMSON....WV
4.75 /5.35 DOC ATLANTA....GA
DOC ATLANTA....GA
FGQ ROSSVILLE....GA
GLI ELIZABETHTOWN....KY
DAX MOUNTAIN ASH....KY
WMH OLIVE BRANCH....MS
AOS CHARLOTTE....NC
JPQ GREENVILLE....NC
Y HUMBOLDT....TN
JYD NOLENSVILLE....TN
AZJ BLAND....VA
SP FAIRMONT....WV
4.77 /5.37 UA AUGUSTA....GA
IZF JASPER....GA
NNX HATTIESBURG....MS
PYQ SOUTHAVEN....MS
AGNN. WILKESBORO....NC
MII OXFORD....NC
PPD SHALLOTTE....NC
GZE KNOXVILLE....TN
OG SMITHVILLE....TN
UKJ FOREST....VA
TOG GLOUCESTER....VA
VS BECKLEY/EOC....WV
VNQ PARSONS....WV
4.29 /5.39 RPB CORINTH....MS
4.79 /5.39 HYB GRIFFIN....GA
KDZ FRANKFORT....KY
DG MONROE/UCARS....NC
OX ROSEBORO....NC
NXU BOWMAN....SC
AM CHATTANOOGA....TN
EPC GREENEVILLE....TN
DOR LEBANON....TN
ARO ROANOKE/POOR MTNVA
EOM WESTON....WV
4.81 /5.41 PME ATLANTA/BELL....GA
I #AUGUSTA....GA
PXX BRNSWK/JEKYLL IS....GA
NON COVINGTON....KY
DC GLASGOW....KY
IF D'IBERVILLE....MS
XO HIGH POINT....NC
KNU WILLIAMSTON....NC
VIH DOVER....TN
NKM GREENEVILLE....TN
ZMS BEDFD-APL ORCH....VA
QIJ WILLIAMSBURG....VA
FHE BUCKHANNON....WV
HYX LIBERTY....WV
4.83 /5.43 OLL MACON....GA
LCI MARIETTA....GA
LVU COLUMBUS....MS
ITL SPARTA/GREEN MT....NC
GYM GILBERT....SC
YTU BROWNSVILLE....TN
UCE COOKEVILLE....TN
IUA KNOXVILLE....TN
SQT RICHMOND....VA
L CHARLESTON....WV
LG MORGANTOWN....WV
4.85 /5.45 BOC DECATUR....GA
TX LEXINGTON....KY
RMZ SHARON....MS
PLY CROWDERS MT/GAST..NC
WTX DURHAM....NC
GRW NEWPORT....NC
SIR BENTON....TN
KOG COVINGTON....TN
KO HOHENWALD....TN
LP MORRISTOWN....TN

E SPRING HILL....TN
HQ SALUDA....VA
LGY GRANTSVILLE....WV
SXZ WELCH....WV
4.87 /5.47 UM RICEBORO/MIDWAY...GA
CLA SWEAT MT/MARIETT....GA
GGH BARDSTOWN....KY
WMM MAYSVILLE....KY
OIX KINSTON....NC
NC SAURATOWN MT....NC
RG GAFFNEY....SC
DDK MYRTLE BEACH....SC
GBI KNOXVILLE....TN
OMO MOUNTAIN CITY....TN
ARK NASHVILLE....TN
ZCM CLARKSVILLE....VA
FG RICHWOOD....WV
4.89 /5.49 DV AUGUSTA....GA
WUJ CORDELE....GA
QPL MARIETTA....GA
KVK HENDERSON....KY
CWF NICHOLASVILLE....KY
VGK FULTON....MS
ZCZ FRANKLIN....NC
DZ GIBSONVILLE....NC
BWC RALEIGH....NC
ABW RKY RDG/WALLACE....SC
LHO MCMINN/SHT MT....TN
KOG MEMPHIS....TN
MOP BLUEFIELD....VA
OHX NEWPORT NEWS....VA
MOP BLUEFIELD....WV
G PARKERSBURG....WV
4.625/5.525 YYD #FORT MTN....GA
6.265/5.865 KP TRENTON....TN
6.01 /6.61 CVY COLUMBUS....GA
JEH CONYERS....GA
KWV CORBIN....KY
IXI LAUREL....MS
SNI GREENSBORO....NC
JMS NEW BERN....NC
WIF ELLOREE....SC
NYK GRNVLE/CSRS HD....SC
CMY CHATTANOOGA....TN
PCD NASHVILLE....TN
LSP ABINGDN/BRMLY MT...VA
GSP CHESAPEAKE....VA
WWQ LYNCHBURG....VA
MZI GASSAWAY....WV
6.025/6.625 UPE ATL/UNION CITY....GA
UJT ELBERTON....GA
ZZ VIDALIA....GA
WO PORT GIBSON....MS
RR LAURINBURG....NC
IP CHESTER....SC
GBI KNOXVILLE....TN
ABU MARTIN....TN
G FLAT TOP/WINTRPL....WV
6.04 /6.64 QGR ATLANTA....GA
MWQ AUGUSTA....GA
FWD CARROLLTON....GA
CEX WAYCROSS....GA
UXJ CAMPBELLSVILLE....KY
NIL JACKSON....MS
NAY MOOREVILLE....MS
YAO HENDERSONVILLE....NC
DW RALEIGH....NC
NC WINSTON-SALEM....NC
KIV SUMTER....SC
KQQ #MEMPHIS....TN
NTM NASHVILE W....TN
QYI #ROCKWOOD/MT ROOTN
WIC FINCASTLE....VA
QLF MARION....VA
QEY RICHMOND....VA
EZR HUNTINGTON/CHAS....WV
6.055/6.655 NFP ATLANTA/MARIETTA....GA
MNI BOWLING GREEN....KY

DZC DANVILLE ..... KY
CEB CONCORD/KANNAP ..... NC
VTX ELIZABETH CITY ..... NC
RYR ALCOA ..... TN
OKV BROWNSVILLE ..... TN
AM CHATT/SIGNAL MT ..... TN
ME COLLINWOOD TN ..... TN
ISI ALTAVISTA ..... VA
TC CLARKSBURG ..... WV
BUC UPPER TRACT ..... WV
6.06 /6.66 BKM MACON ..... GA
6.07 /6.67 NSO GAINESVILLE ..... GA
EQL JESUP ..... GA
VHF HAZARD ..... KY
KBL PRINCETON ..... KY
LRQ HATTIESBURG ..... MS
CAX NEW ALBANY ..... MS
FHB BURLINGTON ..... NC
BKU CHERRY MT ..... NC
RPC YAUPON BEACH ..... NC
U ST. MATTHEWS ..... SC
DKI BRISTOL ..... TN
BGW LAFOLLETTE/WMT ..... TN
NTM NASHVILLE W ..... TN
HZS BARREN SPRINGS ..... VA
NTG WILLIAMSBURG ..... VA
JNU RAVENSWOOD ..... WV
6.085/6.685 IWL ADAIRSVILLE ..... GA
UWN FAYETTEVILLE ..... GA
ZY LEXINGTON ..... KY
KQ OWENSBORO ..... KY
KHB NATCHEZ ..... MS
NBR GRIFTON ..... NC
EHL STATESVILLE ..... NC
CO NEWBERRY ..... SC
PIO WALLAND ..... TN
FMD CLARKSBURG ..... WV
CM UNION ..... WV
6.10 /6.70 MM ALBANY ..... GA
OOM JASPER ..... GA
DOJ MILLEDGEVILLE ..... GA
TO SAVANNAH ..... GA
JO GRAYSON ..... KY
BDC LOUISVILLE ..... KY
YGM UNION CITY (TN) ..... KY
GY BAY ST. LOUIS ..... MS
LVA GRENADA ..... MS
DEJ MERIDIAN ..... MS
CID DUNN ..... NC
PAX LANCASTER ..... SC
KUD ANDERSON CTY ..... TN
UOT MANCHESTER ..... TN
MMI RAMER ..... TN
YGM UNION CITY ..... TN
AU DANVILLE/WHT OAK ..... VA
D NORFOLK ..... VA
LQC PENNINGTON GAP ..... VA
XD STAUNTON ..... VA
JNU RAVENSWOOD ..... WV
6.115/6.715 NVG LAVONIA ..... GA
ABZ RINGGOLD ..... GA
B BEREA ..... KY
TQY GREENWOOD ..... MS
GGN MILLERS CREEK ..... NC
KDC SPRING LAKE ..... NC
NEP COLUMBIA ..... SC
JUB SALTILLO ..... TN
I BLACKSBURG ..... VA
DZU WALKERTON ..... VA
GL SHERRARD ..... WV
6.13 /6.73 MM ALBANY ..... GA
NC ATLANTA/SWEAT MT ..... GA
TVE BRUNSWICK ..... GA
STY #DAWSON SPRINGS ..... KY
SWF DORTON ..... KY
AO LANCASTER ..... KY
IF BILOXI ..... MS
VZF STARKVILLE ..... MS
BWC RALEIGH ..... NC
EXU SALISBURY ..... NC
VNK WILMINGTON ..... NC
FKJ N. AUGUSTA ..... SC
BJY SIMPSONVILLE ..... SC
IOB KNXVL/ENG MT ..... TN
DON MEMPHIS ..... TN
WA WATERTOWN ..... TN
DHO HAMPTON ..... VA
SPW LEWISBURG ..... WV
6.145/6.745 BKF ATHENS ..... GA
TTC GREENVILLE ..... KY
N DILLON/PEE DEE ..... SC
RCK DYERSBURG ..... TN
UP OLIVER SPRINGS ..... TN
DY ROANOKE/POOR MT ..... VA
6.16 /6.76 BOC STONE MT ..... GA
ELN VALDOSTA ..... GA
NSY #FERN CREEK ..... KY
KJQ LEXINGTON ..... KY
CUW PADUCAH ..... KY
AXQ JACKSON ..... MS
BVW ASHVL/MT PISGAH ..... NC
GGD GREENSBORO ..... NC
S SWANSBORO ..... NC
THL WILSON ..... NC
ESG AWENDAW ..... SC
LSP BRISTOL/HLSTN MT ..... TN
PQP NASHVILLE ..... TN
TFZ CHARLOTTESVILLE ..... VA
ZIN WILLIAMSBURG ..... VA
VA HUNTINGTON ..... WV
CUL MORGANTOWN ..... WV
ZQ WHEELING ..... WV
6.175/6.775 NFP MARIETTA ..... GA
NA WRENS ..... GA
PPM MIDDLESBORO ..... KY
TKI VANCEBURG ..... KY
JYH SOUTHPORT ..... NC
GYM COLUMBIA ..... SC
O FRUITLAND ..... TN

OYG PULASKI/MUSIC MT ..... TN
T WYTHEVILLE ..... VA
BWZ ELKINS ..... WV
6.19 /6.79 DMK FOLKSTON ..... GA
KOW MOULTRIE ..... GA
SEX NEWNAN ..... GA
VYX SWAINSBORO ..... GA
YWH HIGHLAND HEIGHTS ..... KY
U PAINTSVILLE ..... KY
TYP BILOXI ..... MS
S WEST POINT ..... MS
LZD CLINTON ..... NC
AT SAURATOWN MT ..... NC
FVV ANDERSON/SAS MT ..... SC
USN CHARLESTON ..... SC
AM CHATTANOOGA ..... TN
ABR JOHNSON CITY ..... TN
SQE NASHVILLE ..... TN
SD CHESAPEAKE ..... VA
OQC OAK HILL ..... WV
6.205/6.805 IEZ JULIETTE ..... GA
NNE GUTHRIE ..... KY
PRH HAZARD ..... KY
C STARKVILLE ..... MS
EWG FAYETTEVILLE ..... NC
IZF GASTONIA ..... NC
O ORANGEBURG ..... SC
NNE GUTHRIE (TN/KY) ..... TN
HTI COVINGTON ..... VA
7.405/6.805 AQS CALHOUN/JASPER ..... GA
BVW CANTON ..... NC
6.22 /6.82 MM ALBANY ..... GA
DOC ATLANTA ..... GA
HVK KIBBEE ..... GA
N DRAKESBORO ..... KY
MBA GREENVILLE ..... MS
HYE MAGEE ..... MS
PZA ROARING GAP ..... NC
GMP WILMINGTON ..... NC
NYK GRNVLE/PARIS MT ..... SC
OAH LAKE CITY ..... TN
BS MEMPHIS ..... TN
SFF WINCHESTER ..... TN
WWB GATE CITY ..... VA
RKC WINCHESTER ..... VA
IFS CHARLESTON ..... WV
6.235/6.835 GSS THOMSON ..... GA
ZOX SALVISA ..... KY
PLA #ASHEVILLE ..... NC
UOR NAGS HEAD/BODIE ..... NC
USH WADESBORO ..... NC
UDD CHARLESTON ..... SC
IDG WATERTOWN ..... TN
EH GRUNDY/BIG A MT ..... VA
UTN RUSTBURG/LONG MT ..... VA
EUN GLENVILLE ..... WV
7.435/6.835 KHQ DAHLONEGA ..... GA
NNR HIGH POINT ..... NC
6.25 /6.85 DVJ DALLAS ..... GA
QWI WARNER ROBINS ..... GA
CLL BOWLING GREEN ..... KY
IV PIKEVILLE ..... KY
VNO BAY ST. LOUIS ..... MS
JMD BUDE ..... MS
BWW CLEVELAND ..... MS
MFK IUKA ..... MS
LWC KOSCIUSKO ..... MS
CYP GOLDSBORO ..... NC
MDW HICKORY/BRT. MT ..... NC
YEC REIDSVILLE ..... NC
ULH FLORENCE ..... SC
KJH GTLBG/COVE MTN ..... TN
KOG MEMPHIS ..... TN
TK NASHVILLE ..... TN
POX PORTSMOUTH ..... VA
ZBP STAUNTON ..... VA
WDK BECKLEY/FLAT TOP ..... WV
L BUCKHANNON ..... WV
6.265/6.865 DKY MADISON ..... GA
UW RICHMOND ..... KY
YF LAURENS ..... SC
AA CROSSVILLE ..... TN
G FAYETTEVILLE ..... TN
7.465/6.865 DWU ELLISVILLE ..... MS
FOY MURPHY/STALCUP ..... NC
ZRS WAXHAW ..... NC
E MOUNTAIN LAKE ..... VA
6.28 /6.88 CVY COLUMBUS ..... GA
IUD MARIETTA ..... GA
FGH QUITMAN ..... GA
HBB SAVANNAH ..... GA
OAU LOUISVILLE ..... KY
AI SOMERSET ..... KY
QNE JACKSON ..... MS
AAY PASCAGOULA ..... MS
TQD RALEIGH ..... NC
NYR SHELBY ..... NC
WIF ORANGEBURG ..... SC
CYZ BRISTOL ..... TN
ETE MEMPHIS ..... TN
TOA NASHVILLE ..... TN
SKH OAK RIDGE ..... TN
CYZ BRISTOL ..... VA
ZBE RICHMOND ..... VA
PDL SALEM ..... VA
CQV SO. CHARLESTON ..... WV
6.295/6.895 RBS HARTWELL ..... GA
SM MACON ..... GA
JBV FLORENCE ..... KY
YFF MADISON ..... NC
ABW PAGELAND/HIPOINT ..... SC
RAG CHARLOTTESVILLE ..... VA
KXV VIRGINIA BEACH ..... VA
T WYTHEVILLE/BLAND ..... VA
FGM CENTERVILLE ..... WV
7.495/6.895 LUQ DALLAS ..... GA
KZT DORTON ..... KY
6.30 /6.90 WVH IRVINGTON ..... KY
6.31 /6.91 HIG CLEVELAND/LONG ..... GA

HYB GRIFFIN ..... GA
GFY MOREHEAD ..... KY
VV HERNANDO ..... MS
OCM NATCHEZ ..... MS
ZGQ AHOSKIE ..... NC
MOE ASHVL/SPIVEY MT ..... NC
YZF FAYVILLE/CFARS ..... NC
IZM LEXINGTON ..... NC
BWZ WHITE HALL ..... SC
GZX CLEVELAND ..... TN
DQU SAVANNAH ..... TN
YXA SHORT MTN. ..... TN
AXH CHASE CITY ..... VA
TUE MT.LAKE/BALD KNB ..... VA
SAQ MCMECHEN ..... WV
6.325/6.925 ASI COVINGTON ..... GA
PJR JESUP ..... GA
BEJ RADCLIFF ..... KY
VOJ CORINTH ..... MS
OBW SULPHUR SPRINGS ..... TN
TFZ CHARLOTTESVILLE ..... VA
QT DANVILLE(DCC) ..... VA
OGY PRINCETON/PIPEST ..... WV
6.34 /6.94 N AUGUSTA ..... GA
VO ROME/MT. ALTO ..... GA
RVB WRIGHTSVILLE ..... GA
OIL ASHLAND ..... KY
WZH GLASGOW ..... KY
AUZ #LEXINGTON ..... KY
NTB MURRAY ..... KY
DWX AMORY ..... MS
SBK JACKSON ..... MS
JMD MCCOMB ..... MS
DLH BURGAW ..... NC
BFB CHARLOTTE ..... NC
BFT DURHAM ..... NC
VM MANTEO/WANCHESE ..... NC
NZ MT AIRY ..... NC
PBC CHARLESTON ..... SC
IQG GREENVILLE ..... SC
GBI KNOXVILLE ..... TN
BSM MEMPHIS ..... TN
PCD NASHVILLE ..... TN
UMI HAMPTON ..... VA
ZA RICHMOND ..... VA
AP ROANOKE ..... VA
AB FENWICK ..... WV
CWO WEIRTON ..... WV
6.355/6.955 KIN PERRY ..... GA
PRE ROCKY TOP MT ..... GA
OCP RABBIT HASH ..... KY
EKR ELLISVILLE ..... MS
OB ISOLA ..... MS
AVP ROCKINGHAM ..... NC
E ONEIDA PEAK/BLF ..... VA
6.37 /6.97 CLJ ATLANTA ..... GA
HBB SAVANNAH ..... GA
DPP HENDERSON ..... KY
TUK STANTON ..... KY
ZH PASCAGOULA ..... MS
DHS WINONA ..... MS
XRY MT AIRY ..... NC
JQ SMITHFIELD ..... NC
SZ ANDERSON ..... SC
ISM FLORENCE ..... SC
TRC KNSPT/BAYS MT ..... TN
MWQ MCMINNVILLE ..... TN
RWK MEDINA ..... TN
SKH OAK RIDGE ..... TN
WRN STAUNTON ..... VA
KXV VIRGINIA BEACH ..... VA
E LOGAN/WARD RK MT. ..... WV
CRW PARKERSBURG (OH) ..... WV
6.38 /6.98 BEJ ELIZABETHTOWN ..... KY
6.385/6.985 I AUGUSTA ..... GA
HHH ELLIJAY/TALONA M ..... GA
UUB ST. MARYS ..... GA
FE WARM SPRINGS ..... GA
LRQ COLLINS ..... MS
DMT SENATOBIA ..... MS
OGB ALBEMARLE ..... NC
PVE MARION ..... NC
IY FRANKLIN ..... TN
CA ROANOKE/POOR MT. ..... VA
LL NEW MARTINSVILE ..... WV
6.40 /7.00 NNO ATLANTA ..... GA
OQX ROCHELLE ..... GA
UFH CORINTH ..... MS
QFX WATER VALLEY ..... MS
FVO JACKSONVILLE ..... NC
AZA THOMASVILLE ..... NC
HE COLUMBIA ..... SC
YLT MARION ..... SC
YXZ PICKENS ..... SC
AZQ KNOXVILLE ..... TN
ZJM MEMPHIS ..... TN
HMT SUFFOLK ..... VA
WMX ST ALBANS ..... WV
6.64 /7.00 HE LEXINGTON ..... SC
7.60 /7.00 LR SHELBYVILLE ..... KY
NRR #VIRGIE ..... KY
M WILLIAMSBURG ..... KY
NKZ COLUMBUS ..... MS
KMG BLOUNTVILLE ..... TN
SGA CLARKSVILLE ..... TN
QS COLLEGEDALE ..... TN
TWU ELIZIBETH ..... WV
ZR TERRA ALTA ..... WV
6.415/7.015 GIS CARTERSVILLE ..... GA
XRY YADKINVILLE ..... NC
M LYNCHBURG ..... VA
AXO NORTON/HIGH KNOB ..... VA
7.615/7.015 DT BONAIRE ..... GA
UM HINESVILLE ..... GA
JHK MONTICELLO ..... MS
KPF LK NORMN/CLT ..... NC
YP SELMA ..... NC
UMU #SUMTER ..... SC
JVV LEBANON ..... TN

KS ROCKWOOD/MT ROOSTN
YGM UNION CITY ..... TN
6.43 /7.03 D LAUREL ..... MS
YTZ ROCK HILL ..... SC
DRL GRANDJUNCTION ..... TN
MVR LEXINGTON ..... TN
JST RICHMOND ..... VA
7.63 /7.03 REI ATLANTA/AIRPORT ..... GA
ZVL HOPKINSVILLE ..... KY
PJZ LOUISVILLE ..... KY
LDD OCEAN SPRINGS ..... MS
GG GREENSBORO ..... NC
3 ROANOKE RAPIDS ..... NC
FOF BARNWELL ..... SC
HOG N. MYRTLE BEACH ..... SC
NIQ FAYETTEVILLE ..... TN
DRL GRAND JUNCTION ..... TN
LP MORRISTOWN ..... TN
IT MULLENS/HRNDN MT ..... WV
ECC ST MARYS/BENS R ..... WV
7.64 /7.04 RNF WINFIELD (AL) ..... MS
6.445/7.045 AIH ANDREWS/ROBBINSV ..... NC
FLR FAYETTEVILLE ..... NC
7.645/7.045 TYM METTER ..... GA
AOZ WATKINSVILLE ..... GA
VF GRETHEL ..... KY
BEC BALD CREEK ..... NC
EHL STATSVL/ASBRY MT ..... NC
HKZ COOKEVILLE ..... TN
AYN NASHVILLE ..... TN
FOZ STAUNTON/EL. KB ..... VA
SBC VIRGINIA BEACH ..... VA
6.46 /7.06 CQ CHARLOTTE ..... NC
LDU CHARLESTON ..... TN
LBM ALTON ..... VA
PNC PRINCETON ..... WV
7.66 /7.06 DDI MACON ..... GA
CLA ROSWELL ..... GA
UCJ THOMASVILLE ..... GA
WQ PADUCAH ..... KY
OCF RICHTON ..... MS
LED MACO ..... NC
VFR SUMTER/SHAW ..... SC
UG GRNVLE/VIKING MT ..... TN
MQQ MEMPHIS ..... TN
QEB #SHELBYVILLE ..... TN
ECM ENON ..... VA
7.67 /7.07 NMC LOUISVILLE ..... KY
7.675/7.075 JXR LAWRENCEVILLE ..... GA
CJB PEMBROKE ..... GA
TLP OWINGSVILLE ..... KY
Y JACKSON ..... MS
JFN BURLINGTON ..... NC
L NEWTON ..... NC
E GREENBRIER ..... TN
GBI KNOXVILLE ..... TN
O MCNAIRY ..... TN
HBU NORFOLK ..... VA
PNT WAYNESBORO ..... VA
QC MORGANTOWN ..... WV
7.69 /7.09 GNA CHEAHA MTN (AL) ..... GA
YHM EATONTON ..... GA
CVE ST SIMONS ISL ..... GA
YK PHELPS ..... KY
DSN AMORY ..... MS
MRS NEW HEBRON ..... MS
GDF GREENVL/ESTN NC ..... NC
RP ORANGEBURG ..... SC
JLA SPARTANBURG ..... SC
ATI GERMANTOWN ..... TN
NLP JAMESTOWN ..... TN
VL GALAX/BRIRP MT ..... VA
TZE OILVILLE ..... VA
7.705/7.105 YSB ATLANTA ..... GA
D STATESBORO ..... GA
KFD CALVERT CITY ..... KY
ZAC HARLAN ..... KY
FGA MARION ..... KY
WK WAYNESBORO ..... MS
OX BROADWAY ..... NC
WET KELLERSVILLE ..... NC
JCK MONROE ..... NC
GHH MOUNTAIN HOME ..... NC
NEB CLEVELAND ..... TN
TC HENDERSON ..... TN
IDG SHOP SPRINGS ..... TN
JBJ BEDFORD ..... VA
SR CHESAPEAKE ..... VA
Z SPENCER ..... WV
6.09 /7.11 ZLR #LOGAN ..... WV
7.72 /7.12 MM ALBANY ..... GA
S AUGUSTA ..... GA
CMA CEDARTOWN ..... GA
HCA CLARKESVILLE ..... GA
U BENTON ..... KY
ASZ WINCHESTER ..... KY
N ACKERMAN ..... MS
REW GAST/SPCR MT ..... NC
Z ROCKY MOUNT ..... NC
JMT MYRTLE BEACH ..... SC
ZYX COLUMBIA ..... TN
GAM MEMPHIS ..... TN
EAJ OAK RIDGE ..... TN
DE COLLINSVILLE ..... VA
DKM BRIDGEPORT ..... WV
7.735/7.135 BZJ DALTON ..... GA
FRM MILLEDGEVILLE ..... GA
Y VALDOSTA ..... GA
LRQ PETAL ..... MS
GBH BREVARD ..... NC
GN WILMINGTON ..... NC
ABW CHERAW ..... SC
EDS ALAMO ..... TN
AZJ PEARISBURG ..... VA
HB RICHMOND ..... VA
7.75 /7.15 TFW ALBANY ..... GA
BYK CUMMING/SAWNEE ..... GA
HKK JACNITO ..... MS
IZ PEARL/RANKIN CO ..... MS

VLY MORGANTON.....NC
TQD RALEIGH.....NC
BJM MONCKS CORNER.....SC
SDT SIMPSONVILLE.....SC
PCD NASHVILLE.....TN
EAJ OAK RIDGE.....TN
QJZ JEWELL RIDGE.....VA
SVR ST ALBANS.....WV
7.765/7.165 KIN FORSYTH.....GA
HBM LEXINGTON.....KY
UBY PRESTONSBURG.....KY
RIS HIGH POINT.....NC
VIA GREENWOOD.....SC
BRV ERWIN/UNICOI CO.....TN
CEX PURYEAR.....TN
CXD FOREST.....VA
CTF NEWPORT NEWS.....VA
K WESTON.....WV
7.78 /7.18 BMA AUGUSTA.....GA
NHW BALDWIN.....GA
BDP WARNER ROBINS.....GA
H BAXTER.....KY
CN LOUISVILLE.....KY
UDQ INVERNESS.....MS
OOC ASHEVILLE/FLATTP.....NC
EJJ SANFORD.....NC
CTJ WILMINGTON.....NC
SC FORT MILL.....SC
HNK SUMMERVILLE.....SC
DES CLEVELAND.....TN
KOG MEMPHIS.....TN
ZGA NASHVILLE.....TN
YKV AMELIA COURTHSE.....VA
S PKS KB/PULASKI.....VA
OHX LEON.....WV
7.795/7.195 JPD ATLANTA.....GA
UCJ BOSTON.....GA
VF LEXINGTON.....KY
FYW SUMRALL.....MS
OX CASTORIA.....NC
NIN LENOIR.....NC
WB MURPHY.....NC
PNZ FLORENCE.....SC
AZQ KNOXVILLE.....TN
RTS LYNCHBURG.....VA
ELM SMITHFIELD.....VA
H HORSEPEN MT.....WV
7.81 /7.21 EMM CONYERS.....GA
TO SAVANNAH.....GA
HY OWENSBORO.....KY
SPJ UNION.....MS
BUZ GREENSBORO.....NC
MSD WHITEVILLE.....NC
AVU LITTLE MT.....SC
WS COOKEVILLE.....TN
SBX GRAY/HOLSTON MT.....TN
WKZ JACKSON.....TN
NJH AMBER RIDGE.....WV
FMD CLARKSBURG.....WV
7.825/7.225 ZUN COMMERCE.....GA
LVY SUMMERVILLE.....GA
NFK LITCHFIELD.....KY
OXA D'IBERVILLE.....MS
DRL WARSAW.....MS
WTX HILLSBOROUGH.....NC
OOC MORG WALKER TOP.....NC
DTW SANTEE.....SC
OAH MORRISTOWN.....TN
VXR HAMPTON.....VA
RAG HARRISONBURG.....VA
NRK PRINCETON.....WV
7.84 /7.24 NFG IRWINTON.....GA
DII ASHLAND.....KY
AVE FAIR DEALING.....KY
BHM FARMINGTON.....KY
AI FRANKFORT.....KY
NAR MAYFIELD.....KY
R TUPELO.....MS
NIW CARTHAGE.....NC
PBG FOREST CITY.....NC
GHZ FRANKLIN.....NC
ILN HILTON HEAD.....SC
VT LANCASTER.....SC
8KY GALLATIN.....TN
KZL ELK CRK/IRON MTN.....VA
OG LUNENBURG CT.HSE.....VA
7.855/7.255 KDT ATLANTA.....GA
IOX DION.....KY
CO HIGHLAND HEIGHTS.....KY
RC LAUREL.....MS
AV ASHEBORO.....NC
KNI HENDSVL/PENIC/MT.....NC
BZU NASHVILLE.....TN
SI PETROS/FRZ HD MT.....TN
TVS ACCOMAC.....VA
CYZ DANTE.....VA
EQC HINTON.....WV
LLM PARKERSBURG.....WV
7.87 /7.27 EBB AMERICUS.....GA
KMS COVINGTON.....GA
KWT LOUISVILLE.....KY
GSB ST. CHARLES.....KY
USN ABERDEEN.....MS
SXK VICKSBURG.....MS
H RALEIGH BENSON.....NC
SM WAYNESVILLE.....NC
LET CHARLESTON.....SC
JRJ SENECA/LONG MT.....SC
YQC GALLATIN.....TN
FH JOHNSON CITY.....TN
TMC PINSON.....TN
IKL GUM SPRING.....VA
QWO ROANOKE/POOR MTN.....VA
S SCOTT DEPOT.....WV
7.885/7.285 LYV #ASHBURN/TIFTON.....GA
VBX ATLANTA/GPCO.....GA
ZFH LONDON.....KY
FGA MARION.....KY
SPF COLUMBIA.....MS

CTS CORINTH.....MS
ADMAIKEN.....SC
DCD MYB BCH/BRKSVIL.....SC
MGM WHITE OAK MTN.....SC
ZTK BLUFF CITY.....TN
PUX PIKEVILLE.....TN
QWD RIDGEWAY.....VA
HONS PRUCE KNOB.....WV
7.90 /7.30 MU PERRY.....GA
YSV ROME.....GA
ICN ALLEN.....KY
SJH SPRINGFIELD.....KY
LNY MAGEE.....MS
YJG JEFFERSON.....NC
MZP RED SPRINGS.....NC
OMV TUCKASEGEE.....NC
ESG AWENDAW.....SC
PA UNION.....SC
BBB KNOXVILLE.....TN
ADT MEMPHIS.....TN
ZSA NASHVILLE.....TN
SPS FRANKLIN.....VA
ZR LEXINGTON.....VA
NSL HARRISVL/PENSBRO.....WV
7.915/7.315 REB TWIN CITY.....GA
IL SALEM.....KY
JYH SAURATOWN MT.....NC
PPD SHALLOTTE.....NC
UZT N. SPARTANBURG.....SC
HZN ROGERSVILLE.....TN
HWQ GRUNDY.....VA
MR #CLARKSBURG.....WV
7.93 /7.33 BXO LAGRANGE.....GA
DIP TOCCOA.....GA
KWH ASHLAND.....KY
KNE MT. STERLING.....KY
IUI PROVIDENCE.....KY
CYR MCHENRY.....MS
EPP PHILADELPHIA.....MS
LPL FAYVLLE/FT BRAGG.....NC
K LENOIR/HIBRITN.....NC
NUY COLUMBIA.....SC
VXW COVINGTON.....TN
ORB MORGAN COUNTY.....TN
ZR LEXNGTN/ROCK MT.....VA
ZIP WARSAW.....VA
7.945/7.345 NEQ ATLANTA/MARIETTA.....GA
PJR JESUP/SCREVEN.....GA
IZD LYNCH/BLACK MT.....KY
JC CLINTON.....MS
NYR SHELBY.....NC
TEP WASHINGTON.....NC
UVH HENDERSONVILLE.....TN
L ABINGDON.....VA
UTN GLADYS.....VA
ZBF YORKTOWN.....VA
RUA FRANKLIN.....WV
K LOGAN/SUMERCO.....WV
7.96 /7.36 CLC DOUGLASVILLE.....GA
HZX DUBLIN.....GA
Z LOUISVILLE.....KY
CJR HATTIESBURG.....MS
PKU LOUISVILLE.....MS
SVC CHEVRON.....MS
KDB BOONE/RICH MTN.....NC
LDB DURHAM.....NC
S LUMBERTON.....NC
EOY COLUMBIA.....SC
OAK LAFOLLETTE.....TN
BS MEMPHIS.....TN
NTM NASHVILLE.....TN
KLX PARIS.....TN
CBB CHESTERFIELD.....VA
OLM STUARTS DRAFT.....VA
7.975/7.375 TQU ATHENS/CRAWFORD.....GA
VAK LAFAYETTE.....GA
CO WALTON.....KY
VFU GULFPORT.....MS
YN BURNSVILLE.....NC
ROK GREENVILLE.....NC
DCD TABOR CITY.....NC
DMI GEORGETOWN.....SC
LEO GREENVILLE.....SC
HL #DICKSON.....TN
ILD LYNCHBURG.....VA
NV VIRGINIA BEACH.....VA
LNB GRAFTON.....WV
WMX ST ALBANS.....WV
7.98 /7.38 NAY PONTOTOC.....MS
7.99 /7.39 IMK THOMASTON.....GA
NON COVINGTON.....KY
RBL LA GRANGE.....KY
PDJ #WHTSBRG/PINE MT.....KY
UNA PRENTISS.....MS
CHZ AQUADALE.....NC
PLY CHARLOTTE.....NC
IUY CLINTON.....NC
QBG EDEN/STONEVILLE.....NC
FAU SHALLOTTE.....NC
FEC LEXINGTON.....SC
TA CLARKSVILLE.....TN
PHT DAYTON/RHEA CTY.....TN
BJY OAKFIELD.....TN
ARO PETERSBURG.....VA
D LEWISBURG.....WV
CRW PARKERSBURG.....WV
6.19 /7.51 HBY MEMPHIS.....TN
7.075/7.675 NGQ FRANKFORT.....KY
7.315/7.915 STJ #FORSYTH.....GA
6.46 /1.00 EHJ BARBOURSVILLE.....WV

220 MHZ

2.055/EACON MW MEMPHIS.....TN
2.058/EACON NKM GREENEVILLE.....TN
2.14 /3.74 VMI LEXINGTON.....KY
2.18 /3.78 OHX #LEON.....WV
2.30 /3.90 RAB HERMITAGE.....TN
2.32 /3.92 UXD AUGUSTA.....KY
2.34 /3.94 QK ASHLAND.....KY
GP CLARKSVILLE.....TN

ZJM MEMPHIS.....TN
2.38 /3.98 HUV LINWOOD.....NC
ZSA GALLATIN.....TN
2.42 /4.02 JEH #CONYERS.....GA
EHF FAYETTEVILLE.....NC
2.46 /4.06 NYR SHELBY.....NC
2.48 /4.08 NTM NASHVILLE.....TN
2.50 /4.10 F BALDWIN.....GA
DBB ROANOKE.....VA
2.52 /4.12 NFP ATLANTA/MARIETTA.....GA
BEC BALD CREEK.....NC
G FLAT TOP/WINTRPL.....WV
2.54 /4.14 WOR GREENSBORO.....NC
QHF PICKENS/CSRS HD.....SC
SGS FRANKLIN.....TN
YQC CHARLOTTESVILLE.....VA
M #WILLIAMSON.....WV
2.56 /4.16 IFL CHEAHA MTN, AL.....GA
JNN SASAFRAS MTN.....GA
K LENOIR/HIBRITN.....NC
S NASHVILLE.....TN
2.58 /4.18 GLC BRUNSWICK.....GA
YDX DALLAS.....GA
NRL CHARLESTON.....SC
ZMS LYNCHBURG.....VA
2.60 /4.20 OVY ATLANTA-NE.....GA
UA AUGUSTA.....GA
GN WILMINGTON.....NC
ILY GREENVILLE.....SC
KMG BLOUNTVILLE.....TN
YTU BROWNSVILLE.....TN
PEA HAMPDEN-SYDNEY.....VA
2.62 /4.22 QP VERSAILLES.....KY
C ROCKY MOUNT.....NC
FZK KNXVL/CROSS MT.....TN
BN SPRINGFIELD.....TN
2.64 /4.24 YYD ELLIJAY-BUCK MTN.....GA
KNI HENDSVL/BERWLW M..NC
2.66 /4.26 L MARIETTA.....GA
BVW ASHVL/MT PISGAH.....NC
WTX HILLSBOROGH.....NC
NP SHORT MTN.....TN
2.68 /4.28 BLR ATLANTA.....GA
OAK LAFOLLETTE.....TN
M LYNCHBURG.....VA
2.70 /4.30 NYV TEMPLE.....GA
MKT LOUISVILLE.....KY
AI SOMERSET.....KY
PVI STATESVILLE.....NC
2.72 /4.32 MTA ACWORTH.....GA
JBF THOMASVILLE.....GA
WA PASCAGOULA.....MS
WGA JACKSONVILLE.....NC
X PICKENS/SASFR MT.....SC
US CLEVELAND.....TN
2.74 /4.34 DOC ATLANTA.....GA
AZA THOMASVILLE.....NC
2.76 /4.36 BZJ DALTON.....GA
PAC GRIMESLAND.....NC
TYO MARSHALL.....NC
ZOE NASHVILLE.....TN
YST CHARLESTON.....WV
2.78 /4.38 RBT CLEVELAND.....GA
OQJ KNOXVILLE.....TN
QT DANVILLE.....VA
2.80 /4.40 EKR ELLISVILLE.....MS
BFB CHARLOTTE.....NC
QHF PICKENS.....SC
YGI COLLIERVILLE.....TN
RBB MORRISTOWN.....TN
2.82 /4.42 YSV ROME.....GA
AO LEXINGTON.....KY
VEZ #LOUISVILLE.....KY
BS MEMPHIS.....TN
DE COLLINSVILLE.....VA
GSM NORTON/HIGH KNOB.....VA
2.84 /4.44 NEQ ATL/MARIETTA.....GA
IEV SPINDALE.....NC
CW WEST SPRINGS.....SC
OG NASHVILLE.....TN
FUV SEVIERVILLE.....TN
2.86 /4.46 HT CALHOUN.....GA
Y VALDOSTA.....GA
ZTJ SHELBY.....NC
YQN KNOXVILLE.....TN
2.88 /4.48 PRH NORCROSS.....GA
ZIA LOCUST.....NC
ZGA NASHVILLE.....TN
2.90 /4.50 MTA MARIETTA.....GA
TYP BILOXI.....MS
YNY WILMINGTON.....NC
BBB KNOXVILLE.....TN
DRL MEM/FISHERVILLE.....TN
BVI MARTINSVILLE.....VA
2.92 /4.52 KSW WALESKA/PNLGMT.....GA
RPB GLEN.....MS
RWN LITTLE MTN.....SC
OBW JONESBOROUGH.....TN
ONG RICHMOND.....VA
2.94 /4.54 YEA DALLAS.....GA
BVW MT MITCHELL.....NC
2.96 /4.56 DOC ATLANTA.....GA
RXF LANCASTER.....KY
EHF FAYETTEVILLE.....NC
KAO LEXINGTON.....SC
ARY BLF/ONEIDA PK.....VA
2.98 /4.58 F PIKEVILLE.....KY
FKC ROCKY MOUNT.....NC
YHH SAURATOWN MT.....NC
VFD CROSS.....SC
KFI KNOXVILLE.....TN
3.00 /4.60 GIS CARTERSVILLE.....GA
N ASHEVILLE.....NC
KUL HIGH POINT.....NC
HMT LAKE GASTON.....NC
3.02 /4.62 ZTL ATLANTA/BELL.....GA
DAR PIKEVILLE.....KY
THN GLOUCESTER PT.....VA
3.04 /4.64 ABZ RINGGOLD.....GA

PEN RALEIGH.....NC
YHH WINSTON-SALEM.....NC
SWI COLUMBIA.....SC
RGQ CLINCH MTN.....TN
3.06 /4.66 BKM MACON.....GA
PLA MARS HILL.....NC
AM SUNSET BEACH.....NC
VFR SUMTER/SHAW.....SC
S NASHVILLE.....TN
3.08 /4.68 BZJ DALTON.....GA
KPF LK NORMN/CLT.....NC
RCL WAYNESBORO.....VA
3.10 /4.70 PZD HIRAM.....GA
RXG SAURATOWN MT.....NC
IBW KNOXVILLE.....TN
ARO PETERSBURG.....VA
3.12 /4.72 MBK CLAYTON.....GA
DANTRENTON.....NC
KO COLUMBIA.....TN
3.14 /4.74 KVC DALTON.....GA
CJR HATTIESBURG.....MS
TFU ASHEVILLE.....NC
UO OXFORD.....NC
PYI NASHVILLE.....TN
RAG STAUNTON.....VA
WQJ VIRGINIA BEACH.....VA
3.16 /4.76 BOC STONE MT.....GA
EXU SALISBURY.....NC
E GREENBRIER.....TN
TFZ CHARLOTTESVILLE.....VA
3.18 /4.78 KLW ROCKMART.....GA
D ACKERMAN.....MS
WGY EDEN.....NC
BR ORANGEBURG.....SC
VCM CHATTANOOGA.....TN
UCI JC/BUFFALO MT.....TN
KOG MEMPHIS.....TN
3.20 /4.80 HHI ELLIJAY.....GA
PML MORGANTON.....NC
E GREENBRIAR.....TN
3.22 /4.82 C ATLANTA.....GA
MOP LOUISVILLE.....KY
D ACKERMAN.....MS
HTS ARCHDALE.....NC
DWU CANTON.....NC
3.24 /4.84 MU PERRY.....GA
DAN GRIFTON.....NC
PHT DAYTON.....TN
PLV BEDFORD.....VA
4.34 /4.84 YGI CHEAHA MTN, AL.....GA
3.26 /4.86 JNN ALPHARETTA.....GA
GYR SUMTER.....SC
PVT HAMPTON.....VA
3.28 /4.88 RCQ YORKVILLE.....GA
AI SOMERSET.....KY
VNO BAY ST. LOUIS.....MS
AIH ANDREWS/ROBBINSV..NC
RXG SAURATOWN MT.....NC
DRL FISHERVILLE.....TN
3.30 /4.90 QPL MARIETTA.....GA
ST PONTOTOC.....MS
EOY COLUMBIA.....SC
ZOK CHATT/SIGNAL MT.....TN
SBX GRAY/HOLSTON MTN.TN
HQ DELTAVILLE.....VA
3.32 /4.92 IFL RALEIGH.....NC
NYK ROPER MT/GRNVL.....SC
LGA BLFD/E.RIVER MTN.....VA
3.34 /4.94 KXO AUGUSTA.....GA
EV ROSSVILLE.....GA
YUU LEXINGTON.....KY
JJ FLORENCE.....SC
NKM GREENEVILLE.....TN
PCD NASHVILLE.....TN
EM ROANOKE/CHAUS MT.VA
3.36 /4.96 ZJG HIRAM.....GA
JTX CHERRYVILLE.....NC
CH GOLDSBORO.....NC
UQS HENDERSONVILLE.....NC
WTB SAURATOWN MT.....NC
TUN AIKEN.....SC
RA LAVERGNE.....TN
3.38 /4.98 JSR CUMMING.....GA
PNG JARVIS.....KY

440 MHZ

7.25 /EACON NEQ ATL/MARIETTA.....GA
2.075/EACONGSM HIGH KNOB.....VA
2.395/EACONNW MEMPHIS.....TN
9.45 /5.67 DOC ATLANTA.....GA
4.00 /1.25 ZTL #ATLANTA/BELL.....GA
EM MEMPHIS.....TN
9.25 /1.25 PXX BRNSWK/JEKYLL IS.....GA
PPN CHARLOTTE.....NC
AZA SAURATOWN MT.....NC
GUP LEXINGTON.....SC
ZQ NASHVILLE.....TN
9.250/1.250 NS ELIZABETHTOWN.....KY
TPI PULASKI.....TN
9.25 /3.25 UMU SUMTER.....SC
VHP SAVANNAH.....GA
HTB BOWLING GREEN.....KY
NOJ GAUTIER.....MS
NOJ WAYNESBORO.....VA
MM ALBANY.....GA
AOH OWENSBORO.....KY
NYR SHELBY.....NC
6.25 /9.25 FHL ROANOKE/POOR MT..VA
7.00 /2.00 RTH ALPHARETTA.....GA
ORL LOUISVILLE.....KY
KPW #MARSHALL.....NC
HMT GASBURG.....VA
T WYTHE/WALKER MTN...VA
7.025/2.025 SWI BENTON/BEAN MT.....TN
7.05 /2.05 KDO MARIETTA.....GA
XV JASPER.....TN
BJY MEDINA.....TN
7.075/2.075 VOS STANTON.....KY
GYM COLUMBIA.....SC
VY LONE MOUNTAIN.....TN

7.10 /2.10 ABJ MILAN....TN
7.125/2.125 PLP ROSSVILLE....GA
7.15 /2.15 QO DUNWOODY....GA
J BEA RALEIGH....NC
J CHATTANOOGA....TN
7.150/2.150 TPI PULASKI....TN
7.175/2.175 BZJ #DALTON....GA
EO ROCKY FACE....GA
YUY ROANOKE....VA
7.20 /2.20 APR DECATUR....GA
DWU ELLISVILLE....MS
GNJ WILMINGTON....NC
YCR BETHPAGE....TN
SBX GRAY/HOLSTON MT....TN
BJY OAKFIELD....TN
7.225/2.225 DYH LOUISVILLE....KY
GUG GREENSBORO....NC
7.25 /2.25 DWU ELLISVILLE....MS
PQA GREENVILLE....SC
DES CLEVELAND....TN
HTI COVINGTON....VA
7.275/2.275 VTT MACON....GA
ZCM AUBURN....NC
7.30 /2.30 NOG DULUTH....GA
OOC MORG. WALKER TOP..NC
OOZ SUMMERVILLE....SC
UBR COOKEVILLE....TN
VDZ RICHMOND....VA
BS BECKLEY/BOLT....WV
7.325/2.325 JSR CHATTANOOGA....TN
7.35 /2.35 NHW BALDWIN....GA
7.375/2.375 PXV WEST JEFFERSON....NC
7.40 /2.40 UER WARM SPRINGS....GA
XV LAFAYETTE....KY
QHF PICKENS/CSRS HD....SC
YI LYNCHBG/JACK MT....VA
7.425/2.425 HCA CLARKESVILLE....GA
FIE MADISONVILLE....KY
7.45 /2.45 RBL LOUISVILLE AREA....KY
LMR RALEIGH....NC
NEB CLEVELAND....TN
7.475/2.475 NVG LAVONIA....GA
7.50 /2.50 RYM LOUISVILLE....KY
SSB HENDERSONVILLE....TN
NTJ KNOXVILLE....TN
CA ROANOKE/POOR MT..VA
7.500/2.500 YNY WILMINGTON....NC
7.525/2.525 KMV FORT WRIGHT....KY
7.55 /2.55 JEH CONYERS....GA
ELX LOUISVILLE....KY
MMY PITTSBORO....NC
ZBE RICHMOND....VA
7.60 /2.60 USU MURPHY....NC
SSB GALLATIN....TN
VA #HUNTINGTON....WV
7.625/2.625 NSO GAINESVILLE....GA
AM SUNSET BEACH....NC
EPG MEMPHIS....TN
7.65 /2.65 ZMS LYNCHBURG....VA
7.675/2.675 UP LAWRENCEBURG....TN
7.70 /2.70 HHH ELLIJAY....GA
AZU SAVANNAH....GA
SSB GORDONSVILLE....TN
VG ROANOKE/POOR MT..VA
7.725/2.725 NMF ATLANTA/SWEAT MT....GA
YJ LOUISVILLE....KY
7.75 /2.75 EMM #CONYERS....GA
GR BAKERSVILLE....NC
7.775/2.775 EBZ MADISONVILLE....KY
7.80 /2.80 AAD YADKINVILLE....NC
EPG JACKSON....TN
MIC GUM SPRING....VA
7.825/2.825 G MEMPHIS....TN
7.85 /2.85 QGH LAWRENCEVILLE....GA
7.875/2.875 IWK MACON....GA
7.90 /2.90 I HOG MOUNTIAN....GA
AZA THOMASVILLE....NC
BNW MULLOY....TN
7.925/2.925 YHM EATONTON....GA
7.95 /2.95 FU LYNCHBURG....VA
7.975/2.975 YNZ ATLANTA....GA
8.00 /3.00 QGF CHATSWORTH....GA
KPW #MARSHALL....NC
YP PIKEVILLE....NC
EOY COLUMBIA....SC
ZJM MEMPHIS....TN
X WHITETOP MTN....VA
EZR HUNTINGTON....WV
8.80 /3.00 KQG MEMPHIS....TN
8.025/3.025 DZ BURLINGTON....NC
UAG #KNOXVILLE....TN
8.05 /3.05 CH GOLDSBORO....NC
PUB MT JULIET....TN
8.075/3.075 ZIZ MACON....GA
UAG KNXVL/CROSS MTN....TN
8.10 /3.10 IZD LYNCH/BLACK MT....KY
GGC SAURATOWN MT....NC
GPM FAYETTEVILLE....TN
JXT MEMPHIS....TN
ADW POWHATAN....VA
LJZ WOODBRIDGE....VA
FHE BUCKHANNON....WV
8.125/3.125 DEB HAMPTON....GA
8.15 /3.15 QO DUNWOODY....GA
HG SALISBURY....NC
NHR ST. ALBANS....WV
8.175/3.175 ARO GREENBAY....VA
8.20 /3.20 APP HIGH HOUSE MTN....GA
ZIA #HAMLET....NC
UG GRNVLE/VIKING MT....TN
BS MEMPHIS....TN
8.225/3.225 QCP JONESBORO....GA
ZCM RALEIGH....NC
8.25 /3.25 VF DORTON....KY
JEX KANNAPOLIS....NC
8.275/3.275 KLW ROCKMART....GA
8.30 /3.30 X ATHENS....GA
DZJ WIGGINS....MS
SVQ ARCHDALE....NC
IEV SPINDALE....NC
KJH GATLBG/COVE MT....TN
8.325/3.325 JMD STOCKBRIDGE....GA
JMD STOCKBRIDGE....GA
8.35 /3.35 YYD ELLIJAY-BUCK MTN....GA
VEI PETAL....MS
N GRNVLE/PARIS MT....SC
LFU RICHMOND....VA
8.375/3.375 AQS CALHOUN/JASPER....GA
IFL RALEIGH....NC
8.40 /3.40 RDM HAMPTON....GA
GUG SAURATOWN MT....NC
RPC YAUPON BEACH....NC
TUN AIKEN....SC
DBJ CUMBERLAND CITY....TN
QWW MEMPHIS....TN
8.425/3.425 CPO BRUNSWICK....GA
MDE JASPER....GA
SQC JOHNSON CITY/HMV..TN
8.45 /3.45 VAK HIGH PT/LOOKT MT....GA
ELX LOUISVILLE....KY
VOZ STATESVILLE....NC
8.475/3.475 X CHAPEL HILL....NC
TWX ROCK HILL....SC
8.50 /3.50 EQC LOUISVILLE....KY
UBY META....KY
X LAUREL....MS
PQZ GREENSBORO....NC
WKS PARIS/GROVE HL....TN
CWB SEVIERVILLE....TN
8.500/3.50 BQX MARIETTA....GA
8.525/3.525 KLW ROCKMART....GA
8.55 /3.55 IN DACULA....GA
HZX GRAEFENBURG....KY
LRQ HATTIESBURG....MS
XE ROARING GAP....NC
ELM SMITHFIELD....VA
8.575/3.575 EKZ CEDARTOWN....GA
PXV BOONE/RICH MTN....NC
8.60 /3.60 BA MARIETTA....GA
HYE MENDENHALL....MS
DWU MT MITCHELL....NC
CXD FOREST....VA
8.625/3.625 RZ JACKSON, EAST....MS
MJN JAMESTOWN....TN
E #ONEIDA PEAK/BLF....VA
8.65 /3.65 ZV ATLANTA....GA
D ACKERMAN....MS
AIH ANDREWS/ROBBINSV..NC
UMI HAMPTON....VA
BON ROANOKE/POOR MT..VA
8.675/3.675 FRP CROWDERS MTN....NC
IBW KNOXVILLE....TN
8.70 /3.70 BA MARIETTA....GA
LXW HIGH POINT....NC
LBT LOCUST....NC
DOR BARTLETT....TN
8.725/3.725 OTT CARTHAGE....TN
8.75 /3.75 TF COVINGTON....GA
YOT GASTONIA/CROWDER NC
EDS ALAMO....TN
EG #ROANOKE AIRPORT..VA
8.775/3.775 CR VERSAILLES....KY
JFN HAW RIVER....NC
CWY LAURENS....SC
8.80 /3.80 NFP ATLANTA/MARIETTA....GA
IAT NATCHEZ....MS
HNK SUMMERVILLE....SC
CWB SEYMOUR....TN
NDH CHESAPEAKE....VA
8.825/3.825 KRM SHELBYVILLE....TN
KZI PETERSBURG....VA
8.85 /3.85 YSV WALESKA/PNLOG MT..GA
ULM FRANKLIN....TN
OB STAFFORD....VA
8.875/3.875 LXT ATLANTA....GA
MZ HAW RIVER....NC
KPW PINEY KNOB....NC
DAW MILLS....VA
8.90 /3.90 DEB GRIFFIN....GA
DWU ELLISVILLE....MS
JIF HIGH POINT....NC
EVG CHESAPEAKE....VA
8.925/3.925 LJU RINGGOLD....GA
YR SOUTH BOSTON....VA
8.95 /3.95 UFM DECATUR....GA
OWV CHARLOTTE....NC
RYF MEMPHIS....TN
NTG WILLIAMSBURG....VA
8.975/3.975 WGY EDEN....NC
BRN MEMPHIS....TN
WJS ROCKWOOD....TN
RA SMYRNA....TN
FIP WESTON....WV
9.00 /4.00 QDX LAWRENCEVILLE....GA
AFY SAVANNAH....GA
II JACKSON....MS
JEQ HICKORY....NC
WAA #ROCKY MT....NC
YP SELMA....NC
JJ FLORENCE....SC
BKY GALLATIN....TN
ETE MEMPHIS....TN
CWB SEVIERVILLE....TN
SN PORTSMOUTH....VA
IT MULLENS/HRNDN MT..WV
9.025/4.025 MSE STONE MT....GA
DZ HIGH POINT....NC
RDK MEMPHIS....TN
9.05 /4.05 NEQ ATLANTA/MARIETTA....GA
OLC TAYLORSVL/BARR M....NC
OG NASHVILLE....TN
OLM STUARTS DRAFT....VA
9.075/4.075 UP ETHRIDGE....TN
PDQ MARYVILLE....TN
9.10 /4.10 BKM MACON....GA
MNI BOWLING GREEN....KY
UL LOUISVILLE....KY
WUX MERIDIAN....MS
WTX DURHAM....NC
MZL LANCASTER....SC
AM CHATTANOOGA....TN
FH JOHNSON CITY....TN
JXT MEMPHIS....TN
FOZ STAUNTON/EL KNOB ...VA
LFS WILLIAMSBURG....VA
9.125/4.125 J CARTERSVILLE....GA
YOQ BOSTIC....NC
ECD LAFAYETTE....TN
9.15 /4.15 ZTL ATLANTA/BELL....GA
BJT CLERMONT HARBOR ...MS
YCR NEW ALBANY....MS
IZF GASTONIA....NC
NTM NASHVILLE....TN
ZR LEXNGTN/ROCK MT. ...VA
9.175/4.175 QOW COVINGTON....GA
COV UNION....KY
NNN KNOXVILLE....TN
WTB STUART/SPOON MTN...VA
FMD CLARKSBURG....WV
9.20 /4.20 LBM DECATUR....GA
E OAK LEVEL....KY
TRS PRESTONSBURG....KY
YNF AHOSKIE....NC
GN WILMINGTON....NC
GYM WEST COLUMBIA....SC
YTU BROWNSVILLE....TN
NEX MORRISTOWN....TN
ECM ENON....VA
EZA WAYNESBORO....VA
9.225/4.225 DBP WARNER ROBINS....GA
VWK YANCEYVILLE....NC
ARK NASHVILLE....TN
9.25 /4.25 BOC ATLANTA/STONE MT....GA
POG THOMASVILLE....GA
DC GLASGOW/CVCTY....KY
CYR GULFPORT....MS
KNI HENDSVL/BERWLW M..NC
BFI SMITHFIELD....NC
PAJ BARTLETT....TN
E GREENBRIER....TN
TFZ CHARLOTTESVILLE....VA
9.275/4.275 VTT MACON....GA
NC WINSTON-SALEM....NC
GZX CLEVELAND....TN
AXH LEBANON....TN
9.30 /4.30 WH JENKINS....KY
ZZD LOUISVILLE....KY
RC #HEIDELBERG....MS
WOR GREENSBORO....NC
MNH CHARLESTON....SC
DRL FISHERVILLE....TN
GBI KNOXVILLE....TN
BZU NASHVILLE....TN
9.325/4.325 BA MARIETTA....GA
BZU CLARKSVILLE....TN
T WYTHEVILLE/SAND....VA
ZXP GLENVILLE....WV
9.35 /4.35 Y VALDOSTA....GA
CO HIGHLAND HEIGHTS ....KY
V GIBSONVILLE....NC
KAO LEXINGTON....SC
BKY GALLATIN....TN
DBB BEDFD/APL ORCH....VA
9.375/4.375 IZF JASPER....GA
HAV PEARL....MS
OWU FANCY GAP....VA
9.40 /4.40 UA AUGUSTA....GA
ULJ HAMILTON....GA
LU LAWRENCEVILLE....GA
LTW MERIDIAN....MS
YZF FAYETTEVILLE....NC
YOQ FOREST CITY....NC
KOG MEMPHIS....TN
EAJ OAK RIDGE....TN
WA WATERTOWN....TN
OMC DANVILLE....VA
ARO PETERSBURG....VA
G ALDERSON....WV
9.90 /4.40 DEP AUDRA PARK....WV
9.425/4.425 NNN KNOXVILLE....TN
ISI ALTAVISTA....VA
9.45 /4.45 DOC ATLANTA....GA
LCL JACKSON....MS
CQ CHARLOTTE....NC
YTU BROWNSVILLE....TN
KWP GALLATIN....TN
J SODDY DAISY....TN
MOP BLUEFIELD....VA
MOP BLUEFIELD....WV
9.475/4.475 CLA SWEAT MT/MARIETT....GA
BI PIKEVILLE....KY
9.50 /4.50 MM ALBANY....GA
UWL ATLANTA....GA
APA HENDERSON....KY
MOP LOUISVILLE....KY
WK WAYNESBORO....MS
ICX LEXINGTON....NC
GYR SUMTER....SC
LSP BRISTOL/HLST MT....TN
KSL KNOXVILLE....TN
HEX LYNCHBURG/TOBRMT..VA
Y BUCKHANNON....WV
9.525/4.525 VF GRETHEL....KY
MRS NEW HEBRON....MS
PEN RALEIGH....NC
DCD MYB BCH/BRKSVIL....SC
BGK NASHVILLE....TN
PYI SMITHVILLE....TN
9.55 /4.55 JEH CONYERS....GA
KQ LEWISPORT....KY
VTE GASTONIA....NC
VM ROANOKE RAPIDS....NC
Y COOKEVILLE....TN
O MCNAIRY....TN
OGT HAMPTON....VA
AF THE PENTAGON....VA
9.575/4.575 AQG DOUGLASVILLE....GA
MVY PHELPS....KY
SD SALISBURY....NC
WCK NASHVILLE....TN
DE COLLINSVILLE....VA
9.60 /4.60 KMS COVINGTON....GA
NMC LOUISVILLE....KY
CO CLINTON....MS
BFB CHARLOTTE....NC
UO OXFORD....NC
UDD NORTH CHARLESTON ..SC
HAP KNOXVILL/ENG MTN...TN
JXI MEMPHIS....TN
K WESTON....WV
9.625/4.625 WQ ATLANTA....GA
QFL HAWESVILLE....KY
ZCD HICKORY FLAT....MS
OCF RICHTON....MS
DVN LUMBERTON....NC
TK NASHVILLE....TN
E BLUEFIELD....VA
9.65 /4.65 IBW SMYRNA....GA
KOL BOWLING GREEN....KY
ST HORN LAKE....MS
J MIDDLESEX....NC
MMB ALISBURY....NC
NKM GREENEVILLE....TN
MWQ #MCMINNVILLE/HF....TN
OYS SHORT MTN....TN
ARO RICHMOND-ASHLAND VA
9.675/4.675 EBZ NEWNAN....GA
VYX ROBINSON CREEK....KY
DIL CHARLOTTE....NC
WGA JACKSONVILLE....NC
JMT MYR BCH/CONWAY....SC
PCD NASHVILLE....TN
MIZ NORFOLK....VA
9.70 /4.70 LUQ DALLAS....GA
ELN VALDOSTA....GA
AUN LOUISVILLE....KY
Y JACKSON....MS
YMY DENVER/CLT....NC
JEH ROCKY MOUNT....NC
WWB GATE CITY....VA
LG MORGANTOWN....WV
9.725/4.725 AOZ WATKINSVILLE....GA
ZY LEXINGTON....KY
QDK WINSTON-SALEM....NC
RAV BLUFF CITY....TN
AKM FRANKLIN....TN
FO KEENY MTN....WV
9.75 /4.75 EMM CONYERS....GA
CYR MCHENRY....MS
VZF STARKVILLE....MS
IZF GASTONIA/CROWDER NC
JFN PITTSBORO....NC
TC HENDERSON....TN
KQI FOREST....VA
BNW CHARLESTON....WV
9.775/4.775 NEQ ATLANTA/MARIETTA....GA
YHH KING/SAURATOWN M..NC
ATC RALEIGH....NC
AKM GALLATIN....TN
G PARKERSBURG....WV
9.80 /4.80 ASI COVINGTON....GA
BEJ ELIZABETHTOWN....KY
J GREENVILLE....NC
YEC REIDSVILLE/EDEN....NC
RG GAFFNEY....SC
JXI MEMPHIS....TN
LP MORRISTOWN....TN
MIC OILVILLE....VA
G BECKLEY/KINGSTON....WV
CUL MORGANTOWN....WV
9.825/4.825 DOC ATLANTA....GA
VXR SALEM....KY
DSN AMORY....MS
UY MT AIRY/FSH PK....NC
FC MEMPHIS/ADAMSMK..TN
PYI SMITHVILLE....TN
ZBP STAUNTON....VA
9.85 /4.85 BZJ DALTON....GA
UM MIDWAY....GA
YUU LEXINGTON....KY
NI NEBO....KY
DU INDIANOLA....MS
WRE POPLARVILLE....MS
CQ CHARLOTTE....NC
GMP WILMINGTON....NC
NDQ NORTON/HIGH KNOB ..VA
ARO RICHMOND....VA
KOU VIENNA....VA
9.875/4.875 ELV CONYERS....GA
UPE SALVISA....KY
BEC BALD CREEK....NC
RAA RALEIGH....NC
LRD CHATTANOOGA....TN
BOX JACKSON....TN
AKM NASHVILLE....TN
WTP BIG "A" MTN....VA
9.90 /4.90 IVB CORBIN....KY
YWH HIGHLAND HEIGHTS ....KY
D ACKERMAN....MS
DWT ASHEVILLE....NC
JMS NEW BERN....NC
J WILSON....NC
MMI RAMER....TN
IDG WATERTOWN....TN
CD FANCY GAP....VA
9.925/4.925 NNO ATLANTA....GA
PJR JESUP....GA
MKG ASHLAND....KY
WZH GLASGOW....KY
PYQ SOUTHAVEN....MS
TTE VICKSBURG....MS
XRY MT. AIRY....NC
BUH ANDERSON/SAS MT....SC
JMT GEORGETOWN....SC
BGK COLUMBIA....TN
VIH DOVER....TN

SERA REPEATER INDEX LISTINGS BY CITY - BY STATE

GEORGIA REPEATERS

10 METERS

ALBANY	W4MM	29.58	29.68	N	L
ATL/MARIETTA	N4NEQ	29.54	29.64	*	L
DALTON	N4BZJ	29.58	29.68	*	AL

6 METERS

ATL/MARIETTA	N4NEQ	52.09	53.09	*	L
AUGUSTA	K4EDU	52.03	53.03	*	O
CARTERSVILLE	WB4AEG	52.07	53.07	*	PR
CLEVELAND	N4RBT	52.17	53.17	N	PROPESED
#CONYERS	WB4JEH	52.55	51.55	*	UNCOORD.
CONYERS	WB4JEH	52.55	53.55	*	
DALTON	N4BZJ	52.13	53.13	*	
DOUGLASVILLE	N4UOX	52.47	53.47	*	PROPOSED
#HIGH HOUSE MTN.	W4VWH	52.45	53.45	*	UNCOORD.
JULIETTE	KC4ZIZ	52.43	53.43	*	
PINE LOG MT.	WB4UPC	52.05	53.05	N	L
PINE LOG MT.	KE4PN	52.29	53.29	N	L
VALDOSTA	KB0Y	52.89	53.89	*	

2 METERS

ADAIRSVILLE	WD4IWL	146.085	146.685	*	PL
ALBANY	W4MM	144.55	145.15	N	L
ALBANY	W4MM	146.10	146.70	N	A
ALBANY	W4MM	146.13	146.73	N	
ALBANY	W4MM	146.22	146.82	N	
ALBANY	W4MM	147.72	147.12	N	K
ALBANY	WB4TFW	147.75	147.15	N	
AMERICUS	WD4EBB	147.87	147.27	N	
#ASHBURN/TIFTON	WD4LYV	147.885	147.285	*	UNCOORD.
ATHENS	WA4BKF	146.145	146.745	*	P
ATHENS/CRAWFORD	K4TQU	147.975	147.375	*	P
ATL/UNION CITY	WA4UPE	146.025	146.625	*	BEP
ATLANTA	W4AQL	144.55	145.15	N	PEB
ATLANTA	K4DRQ	144.69	145.29	*	B
ATLANTA	W4DOC	144.75	145.35	*	
ATLANTA	W4DOC	144.75	145.35	N	
ATLANTA	WB4QGR	146.04	146.64	N	T
ATLANTA	W4DOC	146.22	146.82	*	EP
ATLANTA	K4CLJ	146.37	146.97	*	T
ATLANTA	WA4NNO	146.40	147.00	N	P
ATLANTA	K4YSB	147.705	147.105	N	Y
ATLANTA	K4JPD	147.795	147.195	*	T
ATLANTA	WD4KDT	147.855	147.255	*	BELP
ATLANTA/AIRPORT	W4REI	147.63	147.03	N	
ATLANTA/BELL	W4PME	144.81	145.41	*	BEP
ATLANTA/GPCO	WA4VBX	147.885	147.285	*	
ATLANTA/MARIETTA	N4NFP	146.055	146.655	*	ABLRT118.8
ATLANTA/MARIETTA	N4NEQ	147.945	147.345	*	ELRP118.8
ATLANTA/SWEAT MTK	D4NC	146.13	146.73	*	LK
AUGUSTA	W4TUN	144.51	145.11	N	A
AUGUSTA	N4TDL	144.69	145.29	*	
AUGUSTA	AA4UA	144.77	145.37	N	AB
#AUGUSTA	NA4I	144.81	145.41	*	UNCOORD.
AUGUSTA	W4DV	144.89	145.49	N	AB
AUGUSTA	N4MWQ	146.04	146.64	*	K
AUGUSTA	KT4N	146.34	146.94	N	
AUGUSTA	NA4I	146.385	146.985	*	BELP
AUGUSTA	NI4S	147.72	147.12	N	P
AUGUSTA	N4BMA	147.78	147.18	N	Y
BALDWIN	WD4NHW	147.78	147.18	*	A
BONAIRE	KM4DT	147.615	147.015	N	
BOSTON	W4UCJ	147.795	147.195	*	ABE
BRNSWK/JEKYLL IS	KB4PXX	144.81	145.41	*	
BRUNSWICK	K4TVE	146.13	146.73	N	A
CALHOUN/JASPER	KC4AQS	147.405	146.805	N	PLBR
CARROLLTON	W4FWD	146.04	146.64	*	BET131.8
CARTERSVILLE	N4GIS	146.415	147.015	*	BERP
CEDARTOWN	W4CMA	147.72	147.12	*	P
CHEAHA MTN (AL)	WB4GNA	147.69	147.09	*	
CLARKESVILLE	K4HCA	147.72	147.12	*	BEP
CLAYTON	WA4BLQ	144.65	145.25	*	
CLEVELAND/LONG	WB4HIG	146.31	146.91	N	A
COCHRAN	N4MXC	144.51	145.11	*	ABE
COLUMBUS	KA4CEK	144.71	145.31	N	
COLUMBUS	W4CVY	146.01	146.61	N	A
COLUMBUS	W4CVY	146.28	146.88	N	
COMMERCE	KB4ZUN	147.825	147.225	N	
CONYERS	WB4JEH	144.63	145.23	*	
CONYERS	WB4JEH	146.01	146.61	*	T151.4
CONYERS	N4EMM	147.81	147.21	*	PEB
COOLIDGE	NA4BF	144.57	145.17	N	PR
CORDELE	KA4WUJ	144.89	145.49	*	
COVINGTON	WA4ASI	146.325	146.925	*	AL
COVINGTON	WA1KMS	147.87	147.27	*	
CUMMING/SAWNEE	K4BYK	147.75	147.15	N	PL
DAHLONEGA	N4KHQ	147.435	146.835	*	
DALLAS	K4DVJ	146.25	146.85	N	PE
DALLAS	WD4LUQ	147.495	146.895	*	BRT77.0
DALTON	KE4UJ	144.63	145.23	N	A
DALTON	N4BZJ	147.735	147.135	*	ABELRT100.
DECATUR	W4BOC	144.85	145.45	*	
DOUGLASVILLE	N4UOX	144.51	145.11	*	PROPOSED
DOUGLASVILLE	N4UOX	144.51	145.11	*	P
DOUGLASVILLE	WA4CLC	147.96	147.36	*	
DUBLIN	WA4HZX	147.96	147.36	N	A
EASTMAN	K4KEC	144.61	145.21	*	B
EATONTON	KC4YHM	147.69	147.09	*	ABEL
ELBERTON	N4UJT	146.025	146.625	N	
ELLIJAY/TALONA M	W4HHH	146.385	146.985	*	AB
FAYETTEVILLE	W4PSZ	144.61	145.21	N	PE
FAYETTEVILLE	K4UWN	146.085	146.685	N	
FOLKSTON	K4DMK	146.19	146.79	N	
#FORSYTH	W4STJ	147.315	147.915	N	UNCOORD.
FORSYTH	KB4KIN	147.765	147.165	N	PL
#FORT MTN.	N4YYD	144.625	145.525	N	UNCOORD.
GAINESVILLE	W4NSO	146.07	146.67	*	PET131.8
GRAY	KC4ZGR	144.65	145.25	N	PROPOSED
GRIFFIN	K4HYB	144.79	145.39	*	P
GRIFFIN	K4HYB	146.31	146.91	N	
HARTWELL	WA4RBS	146.295	146.895	*	B
HINESVILLE	KF4UM	147.615	147.015	*	PROPOSED
IRWINTON	WB4NFG	147.84	147.24	N	
JASPER	KB4IZF	144.77	145.37	*	RPLB
JASPER	W4OOM	146.10	146.70	*	
JESUP	WA4EQL	146.07	146.67	*	
JESUP	N4PJR	146.325	146.925	*	P
JESUP/SCREVEN	N4PJR	147.945	147.345	*	O
JONESBORO	WA4DIW	144.57	145.17	*	E
JONESBORO	WA4OGE	144.73	145.33	*	E
JULIETTE	KD4IEZ	146.205	146.805	*	ET100.0
KIBBEE	K4HVK	146.22	146.82	*	A
LAFAYETTE	KB4VAK	147.975	147.375	N	A
LAGRANGE	WB4BXO	147.93	147.33	N	
LAVONIA	K4NVG	146.115	146.715	*	BEPT100.0
LAWRENCEVILLE	WD4JXR	147.675	147.075	N	EP
MACON	WB4OLL	144.83	145.43	*	PLR
MACON	W4BKM	146.06	146.66	*	NBP
MACON	N3SM	146.295	146.895	*	AT123.0
MACON	WA4DDI	147.66	147.06	*	T
MADISON	WB4DKY	146.265	146.865	*	A
MARIETTA	K4LCI	144.83	145.43	N	E
MARIETTA	WA4QPL	144.89	145.49	*	PE
MARIETTA	N4NFP	146.175	146.775	*	BLRPT118.8
MARIETTA	W4IUD	146.28	146.88	N	
METTER	W4TYM	147.645	147.045	N	ABE
MILLEDGEVILLE	KF4LT	144.55	145.15	*	PT
MILLEDGEVILLE	WB4DOJ	146.10	146.70	*	A
MILLEDGEVILLE	K4FRM	147.735	147.135	*	BL
MOULTRIE	WD4KOW	146.19	146.79	N	
NEWNAN	K4SEX	144.53	145.13	*	BP
NEWNAN	K4SEX	146.19	146.79	*	BP
PEMBROKE	WB4CJB	147.675	147.075	N	A
PERRY	KB4KIN	146.355	146.955	N	PL
PERRY	AC4MU	147.90	147.30	*	ABER
PINE MT/HAMILTON	WB4ULJ	144.59	145.19	N	
QUITMAN	W4FGH	146.28	146.88	N	
RICEBORO/MIDWAY	KF4UM	144.87	145.47	*	ABE
RINGGOLD	W4ABZ	146.115	146.715	N	
ROCHELLE	WB4OQX	146.40	147.00	*	BET100.0
ROCKY TOP MT.	K5PRE	146.355	146.955	N	
ROME	WB4YSV	147.90	147.30	N	
ROME/MT. ALTO	W4VO	146.34	146.94	*	BP
ROSSVILLE	W4FGQ	144.75	145.35	*	
ROSWELL	N4CLA	147.66	147.06	N	PE
SANDERSVILLE	N4CGV	144.67	145.27	*	A
SAVANNAH	KK4TO	146.10	146.70	*	PE
SAVANNAH	W4HBB	146.28	146.88	N	AB
SAVANNAH	W4HBB	146.37	146.97	N	AB
SAVANNAH	KK4TO	147.81	147.21	*	PE
ST SIMONS ISL	KA4CVE	147.69	147.09	N	
ST. MARYS	KA4UUB	146.385	146.985	N	
STATESBORO	NC4D	147.705	147.105	N	
STOCKBRIDGE	WA4JDR	144.71	145.31	N	
STONE MT.	W4BOC	146.16	146.76	*	
SUMMERVILLE	KA4LVY	147.825	147.225	*	A
SWAINSBORO	K4VYX	146.19	146.79	N	O
SWEAT MT/MARIETT	N4CLA	144.87	145.47	N	PE
THOMASTON	K4IMK	147.99	147.39	N	
THOMASVILLE	W4UCJ	147.66	147.06	*	
THOMSON	KC4GSS	146.235	146.835	N	A
TOCCOA	KA4DIP	147.93	147.33	*	
TWIN CITY	N4REB	147.915	147.315	N	PR
VALDOSTA	KB0Y	144.53	145.13	*	T
VALDOSTA	N4ELN	146.16	146.76	*	BRPT52.525
VALDOSTA	KB0Y	147.735	147.135	*	PT
VIDALIA	KE4ZZ	146.025	146.625	*	A
WALESKA/PNLGMT	KE4PN	144.67	145.27	N	L
WARM SPRINGS	KN4FE	146.385	146.985	N	BE
WARNER ROBINS	WA4QWI	146.25	146.85	*	P
WARNER ROBINS	WB4BDP	147.78	147.18	*	BP
WATKINSVILLE	KD4AOZ	147.645	147.045	N	
WAYCROSS	KD4CEX	146.04	146.64	*	A
WAYNESBORO	WD4COL	144.63	145.23	N	
WRENS	KB4NA	146.175	146.775	N	
WRIGHTSVILLE	WA4RVB	146.34	146.94	N	ABLR

220 MHZ

ACWORTH	N4MTA	222.72	224.32	*	BEP
ALPHARETTA	KC4JNN	223.26	224.86	*	ABELRT100.
ATL/MARIETTA	N4NEQ	222.84	224.44	*	BLRPT118.8
ATLANTA	N4BLR	222.68	224.28	N	
ATLANTA	W4DOC	222.74	224.34	*	
ATLANTA	W4DOC	222.96	224.56	*	
ATLANTA	KK4C	223.22	224.82	N	PLR
ATLANTA-NE	KC4OVY	222.60	224.20	*	BRPT100.0
ATLANTA/BELL	W4ZTL	223.02	224.62	*	BEP
ATLANTA/MARIETTA	N4NFP	222.52	224.12	*	ABLRT118.1
AUGUSTA	AA4UA	222.60	224.20	*	AB
AUGUSTA	WB4KXO	223.34	224.94	*	P
BALDWIN	WS4F	222.50	224.10	N	
BRUNSWICK	N3GLC	222.58	224.18	N	
CALHOUN	KQ4HT	222.86	224.46	*	PROPOSED
CARTERSVILLE	N4GIS	223.00	224.60	*	BERP
CHEAHA MTN, AL	N6IFL	222.56	224.16	*	
CHEAHA MTN, AL	N4YGI	224.34	224.84	*	
CLAYTON	WD4MBK	223.12	224.72	N	
CLEVELAND	N4RBT	222.78	224.38	N	P
#CONYERS	WB4JEH	222.42	224.02	*	UNCOORD.
CUMMING	K4JSR	223.38	224.98	*	PL
DALLAS	N4YDX	222.58	224.18	*	BL
DALLAS	N4YEA	222.94	224.54	*	BP
DALTON	N4BZJ	222.76	224.36	*	ABT88.5
DALTON	N4BZJ	223.08	224.68	N	
DALTON	N4KVC	223.14	224.74	*	ER
ELLIJAY	W4HHI	223.20	224.80	*	PROPOSED
ELLIJAY-BUCK MTN.	N4YYD	222.64	224.24	N	BERP
HIRAM	KC4PZD	223.10	224.70	*	B
HIRAM	N4ZJG	223.36	224.96	N	ABL
MACON	W4BKM	223.06	224.66	*	
MARIETTA	KV4L	222.66	224.26	N	BP
MARIETTA	N4MTA	222.90	224.50	*	BEP
MARIETTA	WA4QPL	223.30	224.90	*	PE
NORCROSS	KB4PRH	222.88	224.48	N	
PERRY	AC4MU	223.24	224.84	*	ABER
RINGGOLD	W4ABZ	223.04	224.64	N	P
ROCKMART	KC4KLW	223.18	224.78	*	
ROME	WB4YSV	222.82	224.42	N	
ROSSVILLE	KC4EV	223.34	224.94	N	
SASAFRAS MTN.	KC4JNN	222.56	224.16	*	ABELRT100.
STONE MT.	W4BOC	223.16	224.76	*	
TEMPLE	KC4NYV	222.70	224.30	N	B
THOMASVILLE	N4JBF	222.72	224.32	N	AL
VALDOSTA	KB0Y	222.86	224.46	*	PT
WALESKA/PNLGMT	N4KSM	222.92	224.52	N	A
YORKVILLE	KB4RCQ	223.28	224.88	N	BT77.0

440 MHZ

ALBANY	W4MM	439.25	427.25	N	V
ALBANY	W4MM	449.50	444.50	N	
ALPHARETTA	WB6RTH	447.00	442.00	*	ABEKL
ATHENS	NB4X	448.30	443.30	N	
ATLANTA	W4DOC	444.825	449.825	N	NB
ATLANTA	WA4YNZ	447.975	442.975	*	TPL
ATLANTA	KE4ZV	448.65	443.65	*	T118.8
ATLANTA	KD4LXT	448.875	443.875	*	C-BEP
ATLANTA	W4DOC	449.45	145.67	N	R
ATLANTA	W4DOC	449.45	444.45	*	
ATLANTA	WB4UWL	449.50	444.50	*	
ATLANTA	N4WQ	449.625	444.625	N	AO
ATLANTA	W4DOC	449.825	444.825	*	
ATLANTA	WA4NNO	449.925	444.925	N	
ATLANTA	WA4YNZ	449.975	444.975	*	PTLR
#ATLANTA/BELL	W4ZTL	434.00	421.25	*	UNCOORD.
ATLANTA/BELL	W4ZTL	449.15	444.15	*	BEP
ATLANTA/MARIETTA	N4NFP	448.80	443.80	*	BLRPT118.8
ATLANTA/MARIETTA	N4NEQ	449.05	444.05	*	BT118.8
ATLANTA/MARIETTA	N4NEQ	449.775	444.775	*	ABLRP118.8
ATLANTA/STONE MT	W4BOC	449.25	444.25	*	
ATLANTA/SWEAT MT	WA4NMF	447.725	442.725	N	T
AUGUSTA	AA4UA	449.40	444.40	*	AB
AUGUSTA	NA4I	449.95	444.95	*	
BALDWIN	WD4NHW	447.35	442.35	*	

MORE GEORGIA REPEATERS

BRNSWK/JEKYLL IS...	KB4PXX	439.25	421.25	*	V
BRUNSWICK	KD4CPO	448.425	443.425	N	A
BRUNSWICK	K4TVE	449.975	444.975	N	O
CALHOUN/JASPER..	KC4AQS	448.375	443.375	N	BP
CARTERSVILLE	WJ9J	449.125	444.125	N	PROPOSED
CEDARTOWN	KD4EKZ	443.40	448.40	*	
CEDARTOWN	KD4EKZ	448.575	443.575	*	PROPOSED
CHATSWORTH	N4OGF	448.00	443.00	N	
CLARKESVILLE	K4HCA	447.425	442.425	*	B
CONYERS	WB4JEH	447.55	442.55	*	T151.4
#CONYERS	N4EMM	447.75	442.75	*	UNCOORD.
CONYERS	WB4JEH	449.55	444.55	*	T151.4
CONYERS	N4EMM	449.75	444.75	N	PL
CONYERS	KC4ELV	449.875	444.875	*	BLP
COVINGTON	KL7TF	448.75	443.75	*	B
COVINGTON	KD4QOW	449.175	444.175	*	BEP
COVINGTON	WA1KMS	449.60	444.60	*	
COVINGTON	WA4ASI	449.80	444.80	*	ALT88.5
DACULA	KK4IN	448.55	443.55	N	ALR
DALLAS	WD4LUQ	449.70	444.70	*	BRT77.0
#DALTON	N4BZJ	447.175	442.175	*	UNCOORD.
DALTON	N4BZJ	449.85	444.85	*	
DECATUR	N3APR	447.20	442.20	N	A
DECATUR	KA4UFM	448.95	443.95	*	BPT110.9
DECATUR	WB4LBM	449.20	444.20	N	
DOUGLASVILLE	N4AQG	449.575	444.575	*	B
DULUTH	N2NOG	447.30	442.30	N	BELP
DUNWOODY	W4QO	447.15	442.15	*	
DUNWOODY	W4QO	448.15	443.15	*	
EATONTON	KC4YHM	447.925	442.925	*	
ELLIJAY	W4HHH	447.70	442.70	*	C
ELLIJAY-BUCK MTN..	N4YYD	448.35	443.35	N	BEORP
GAINESVILLE	W4NSO	447.625	442.625	*	PET131.8
GRIFFIN	WB4DEB	448.90	443.90	N	PT
HAMILTON	WB4ULJ	449.40	444.40	N	BPR
HAMPTON	WB4DEB	448.125	443.125	N	
HAMPTON	N4RDM	448.40	443.40	N	PRP
HIGH HOUSE MTN...	KD4APP	448.20	443.20	*	
HIGH PT/LOOKT MT	KB4VAK	448.45	443.45	N	ABRT88.5
HOG MOUNTIAN	NZ3I	447.90	442.90	N	PROPOSED
JASPER	KB4MDE	448.425	443.425	N	
JASPER	KB4IZF	449.375	444.375	*	BPLR
JESUP	N4PJR	449.925	444.925	*	O
JONESBORO	N4QCP	448.225	443.225	N	
LAVONIA	K4NVG	447.475	442.475	*	PB
LAWRENCEVILLE	WB0QGH	447.85	442.85	N	PROPOSED
LAWRENCEVILLE	WB4QDX	449.00	444.00	N	
LAWRENCEVILLE	KC4LU	449.40	444.40	*	BT
MACON	K4VTT	447.275	442.275	*	ABELRT100.
MACON	N4IWK	447.875	442.875	*	P
MACON	KC4IIZ	448.075	443.075	*	PROPOSED
MACON	W4BKM	449.10	444.10	*	C
MACON	K4VTT	449.275	444.275	N	
MARIETTA	N1KDO	447.05	442.05	*	PROPOSED
MARIETTA	WB4BQX	448.500	443.50	*	BEP
MARIETTA	KM4BA	448.60	443.60	N	PT
MARIETTA	KM4BA	448.70	443.70	N	
MARIETTA	KM4BA	449.325	444.325	N	PTO
MIDWAY	KF4UM	449.85	444.85	*	O
NEWNAN	N4EBZ	449.675	444.675	N	P
PERRY	AC4MU	449.95	444.95	*	
RINGGOLD	WA4LJU	448.925	443.925	N	
ROCKMART	KC4KLW	448.275	443.275	*	ABT179.9
ROCKMART	KC4KLW	448.525	443.525	*	
ROCKY FACE	AA4EO	447.175	442.175	N	

SERA REPEATER SYMBOLS

*	Full Member Supporter	M	T-MARC Terr Repeater
D	Delinquent Membership	NB	Not on SERA Freq. Plan
N	Non-Member SERA	O	Off the Air Temporarily
A	Autopatch (Open)	P	Private Autopatch
B	Emergency Power	R	Remote Base System
C	Under Construction	T	Tone Accessed
E	Emergency Autopatch	V	Television (SSTV/ATV)
K	Packet Operation	Y	RTTY Operation
L	Linked Repeater		

NOTE: Some repeaters allow voice, as well as other functions on their machine. Generally the second function is indicated, but it does not necessarily mean the machine is solely operated in that mode. Operators may check with owners for information. Repeaters with normal input/output (pairs) are listed in the regular FM repeater index and their operation of Packet is indicated with "K". For tone-accessed repeaters, the codes column contains the tone or access code only for those repeaters which the owner or trustee has given us written permission to publish.
Entries with "#" in front of the city indicate repeaters added to this index that have not been coordinated through the local SERA state coordinator. Work with your coordinator to get this indicator removed.

ROSSVILLE	N4PLP	447.125	442.125	N	C
SAVANNAH	WA4VHP	439.25	426.25	*	BRTV
SAVANNAH	KC4AZU	447.70	442.70	*	C
SAVANNAH	WD4AFY	449.00	444.00	N	B
SMYRNA	N4IBW	449.65	444.65	N	
STOCKBRIDGE	N4JMD	448.325	443.325	N	PTR
STOCKBRIDGE	N4JMD	448.325	443.325	N	PTL
STONE MT	N4MSE	449.025	444.025	N	
SWEAT MT/MARIETT.	N4CLA	449.475	444.475	N	EP
THOMASVILLE	KD4POG	449.25	444.25	N	PROPOSED
VALDOSTA	KB0Y	449.35	444.35	*	PT
VALDOSTA	N4ELN	449.70	444.70	*	T
WALESKA/PNLOG MTN	WB4YSV	448.85	443.85	N	L
WALUSKA/PINE LOG	WB4YSV	443.85	448.85	N	NB
WARM SPRINGS	N4UER	447.40	442.40	N	BE
WARNER ROBINS	WB4DBP	449.225	444.225	*	PROPOSED
WATKINSVILLE	KD4AOZ	449.725	444.725	N	

920 MHZ

DALTON	N4BZJ	907.10	919.10	*	

1270 MHZ

ATLANTA NORTH	W4DOC	1271.40	1291.40	*	
ATLANTA/BELL	KB4KIN	1272.00	1292.00	*	

BEACONS

ATL/MARIETTA	N4NEQ	427.25	BEACON	N	VR

KENTUCKY REPEATERS

6 METERS

#ASHLAND	WA4IBB	52.01	53.01	N	UNCOORD.
GUTHRIE	KA4ZKL	52.23	53.23	N	C
HIGHLAND HEIGHTS	AD4CC	52.33	53.33	N	AB
LOUISVILLE	WB4LBR	53.025	52.025	N	NB
STANTON	WD4KNE	52.81	53.81	N	P

2 METERS

ALLEN	K4ICN	147.90	147.30	*	AL
ASHLAND	KA4OIL	146.34	146.94	*	P
ASHLAND	KA4DII	147.84	147.24	N	P
ASHLAND	WA8KWH	147.93	147.33	N	A
BARDSTOWN	WB4GGH	144.87	145.47	*	
BAXTER	WM4H	147.78	147.18	N	A
BENTON	WG4U	147.72	147.12	N	
BEREA	KI4B	146.115	146.715	N	
BOWLING GREEN	WD4MNI	146.055	146.655	*	R
BOWLING GREEN	KA4CLL	146.25	146.85	N	
CALVERT CITY	KA4KFD	147.705	147.105	N	AB
CAMPBELLSVILLE	WA4UXJ	146.04	146.64	N	
CORBIN	WD4KWV	146.01	146.61	*	P
COVINGTON	WB8NON	144.81	145.41	*	O
COVINGTON	WB8NON	147.99	147.39	*	A
DANVILLE	WD4DIC	146.055	146.655	N	A
#DAWSON SPRINGS	N4STY	146.13	146.73	N	UNCOORD.
DEANE	AK4U	144.61	145.21	N	L
DIXON	N4IOX	147.855	147.255	*	P
DORTON	WA4SWF	146.13	146.73	N	BR-O
DORTON	KC4KZT	147.495	146.895	N	
DRAKESBORO	WF4N	146.22	146.82	N	C
ELIZABETHTOWN	KD4GLI	144.75	145.35		A
ELIZABETHTOWN	W4BEJ	146.38	146.98	N	ABL
FAIR DEALING	N4AVE	147.84	147.24	N	
FARMINGTON	WB4BHM	147.84	147.24	*	PROPOSED
#FERN CREEK	WB4NSY	146.16	146.76	N	UNCOORD.
FLORENCE	K4JBV	146.295	146.895	*	A
FRANKFORT	KC4KDZ	144.79	145.39	*	BEP
FRANKFORT	K4NGQ	147.075	147.675	N	
FRANKFORT	KC4AI	147.84	147.24	N	
GLASGOW	KF4DC	144.81	145.41	*	
GLASGOW	W4WZH	146.34	146.94	*	AB
GRAYSON	KF4JO	146.10	146.70	N	
GREENVILLE	WA4TTC	146.145	146.745	N	P
GRETHEL	KJ4VF	147.645	147.045	*	C
GUTHRIE	KA4NNE	146.205	146.805	N	L
HALLS GAP	WD8PRH	144.57	145.17	*	AL
HARLAN	WA4ZAC	147.705	147.105	*	
HAZARD	K4VHF	146.07	146.67	*	B
HAZARD	WD4PRH	146.205	146.805	*	AL
HENDERSON	W4KVK	144.89	145.49	N	
HENDERSON	K4DPP	146.37	146.97	N	
HIGHLAND HEIGHTS	W4YWH	146.19	146.79	*	
HIGHLAND HEIGHTS	K4CO	147.855	147.255	*	PT123.0
HOPKINSVILLE	WA4ZVL	147.63	147.03	N	A
IRVINGTON	WB4WVH	146.30	146.90	N	AE
LA GRANGE	N4RBL	144.53	145.13	*	BT151.4
LA GRANGE	N4RBL	147.99	147.39	*	T151.4
LANCASTER	AC4AO	146.13	146.73	*	C
LAWRENCEBURG	KK4PL	144.69	145.29	N	A
LEXINGTON	N4YUU	144.73	145.33	N	P
LEXINGTON	KC4TX	144.85	145.45	N	P
LEXINGTON	KC4ZY	146.085	146.685	*	A
LEXINGTON	K4KJQ	146.16	146.76	N	PE
#LEXINGTON	W4AUZ	146.34	146.94	N	UNCOORD.
LEXINGTON	WA4HBM	147.765	147.165	N	
LEXINGTON	KJ4VF	147.795	147.195		LR
LEXINGTON/GRGTWN	WD8PRH	144.61	145.21	*	L
LITCHFIELD	KB4NFK	147.825	147.225	*	
LONDON	KC4ZFH	147.885	147.285	N	CT
LOUISVILLE	WD8PRH	144.63	145.23	*	L
LOUISVILLE	W4BDC	146.10	146.70	*	BEP
LOUISVILLE	W4OAU	146.28	146.88	*	P
LOUISVILLE	W4PJZ	147.63	147.03	*	BERPT151.4
LOUISVILLE	N4NMC	147.67	147.07	*	BEP
LOUISVILLE	W4CN	147.78	147.18	*	PE
LOUISVILLE	N4KWT	147.87	147.27	N	
LOUISVILLE	KQ9Z	147.96	147.36	*	A
LYNCH/BLACK MT...	N4IZD	147.945	147.345	N	
MARION	KA4FGA	147.705	147.105	N	
MARION	KA4FGA	147.885	147.285	N	
MAYFIELD	W4ANAR	147.84	147.24	N	
MAYSVILLE	WA4WMM	144.87	145.47	*	BEP
MIDDLESBORO	W4PPM	146.175	146.775	N	
MONTICELLO	N4TLK	144.55	145.15	*	
MOREHEAD	KJ4VF	144.53	145.13	*	R
MOREHEAD	K4GFY	146.31	146.91	N	
MOUNTAIN ASH	KD4DAX	144.75	145.35		A
MT. STERLING	WD4KNE	147.93	147.33	N	P
MURRAY	WB4NTB	146.34	146.94	*	A
NICHOLASVILLE	WB4CWF	144.89	145.49	N	PE
OWENSBORO	KN4KQ	146.085	146.685	*	ALR
OWENSBORO	K4HY	147.81	147.21	N	AL
OWINGSVILLE	N4TLP	147.675	147.075	*	A
PADUCAH	K4CUW	146.16	146.76	N	
PADUCAH	W4WQ	147.66	147.06	N	
PAINTSVILLE	AK4U	146.19	146.79	N	PL
PHELPS	KJ4YK	147.69	147.09	*	R
PIKEVILLE	N4IWZ	144.55	145.15	*	RPE
PIKEVILLE	KM4IV	146.25	146.85	N	ELR
PRESTONSBURG	WB4UBY	147.765	147.165	N	
PRINCETON	W4KBL	146.07	146.67	N	
PROVIDENCE	N4IUI	147.93	147.33	N	
RABBIT HASH	WA4OCP	146.355	146.955	N	
RADCLIFF	W4BEJ	146.325	146.925	N	ABL41
RICHMOND	AC4UW	146.265	146.865	*	AB
SALEM	N4IL	147.915	147.315	*	P
SALVISA	KC4ZOX	146.235	146.835	*	BLPT192.8
SCOTTSVILLE	KJ4GL	144.65	145.25	N	ACT100.0
SHELBYVILLE	KE4LR	147.60	147.00	*	BEP
SOMERSET	N4AI	146.28	146.88	*	BL
SPRINGFIELD	WA4SJH	147.90	147.30	N	A
ST. CHARLES	WA4GSB	147.87	147.27	N	
STANTON	WD8PRH	144.69	145.29	N	CL
STANTON	KC4TUK	146.37	146.97	*	ARC
UNION CITY (TN)	WA4YGM	146.10	146.70	*	
VANCEBURG	KC4TKI	146.175	146.775	*	P
#VIRGIE	K4NRR	147.60	147.00	N	UNCOORD.
WALTON	K4CO	147.975	147.375	*	
#WHTSBRG/PINE MT	WD4PDJ	147.99	147.39	N	UNCOORD.
WILLIAMSBURG	KG4M	147.60	147.00	N	
WINCHESTER	WB4ASZ	147.72	147.12	*	EP

220 MHZ

ASHLAND	KC4QK	222.34	223.94	N	
AUGUSTA	KC4UXD	222.32	223.92	N	PC
JARVIS	KB4PNG	223.38	224.98	*	ABELR
LANCASTER	KD4RXF	222.96	224.56		P
LEXINGTON	WB8VMI	222.14	223.74	*	
LEXINGTON	AC4AO	222.82	224.42	*	ABEL
LEXINGTON	N4YUU	223.34	224.94	N	
LOUISVILLE	KA4MKT	222.70	224.30	N	
#LOUISVILLE	KB4VEZ	222.82	224.42	N	UNCOORD.
LOUISVILLE	W4MOP	223.22	224.82	N	P
PIKEVILLE	WB4F	222.98	224.58	N	
PIKEVILLE	KD4DAR	223.02	224.62	*	R
SOMERSET	N4AI	222.70	224.30	*	BER
SOMERSET	N4AI	223.28	224.88	*	BL
VERSAILLES	KN4QP	222.62	224.22	*	BERP

440 MHZ

ASHLAND	KA4MKG	449.925	444.925	N	C
ASHLAND	WB4TAT	449.975	444.975	*	
BOWLING GREEN	W4HTB	439.25	922.25	*	V
BOWLING GREEN	W4HTB	439.25	426.25	*	V
BOWLING GREEN	W4HTB	439.25	280.00	*	V
BOWLING GREEN	WD4MNI	449.10	444.10	*	AL
BOWLING GREEN	N5KOL	449.65	444.65	*	P
CORBIN	WB4IVB	449.90	444.90	*	R
DORTON	KJ4VF	448.25	443.25	*	CR
ELIZABETHTOWN	KE4NS	439.250	421.250	N	V
ELIZABETHTOWN	W4BEJ	449.80	444.80	N	ABL
FORT WRIGHT	KC4KMV	447.525	442.525	N	PROPOSED
GLASGOW	W4WZH	449.925	444.925	*	
GLASGOW/CVCTY.	KF4DC	449.25	444.25	*	
GRAEFENBURG	N4HZX	448.55	443.55	N	BP

MORE KENTUCKY REPEATERS

GRETHEL	KJ4VF	449.525	444.525	*	
HAWESVILLE	KB4QFL	449.625	444.625		P
HENDERSON	N9APA	449.50	444.50	N	
HIGHLAND HEIGHTS	K4CO	449.35	444.35	*	PT123.0
HIGHLAND HEIGHTS	W4YWH	449.90	444.90	*	
JENKINS	KK4WH	449.30	444.30	N	PLRC
LATONIA	AA4XV	447.40	442.40	N	PT
LEWISPORT	KN4KQ	449.55	444.55	*	ALR
LEXINGTON	KC4ZY	449.725	444.725	N	A
LEXINGTON	N4YUU	449.85	444.85	N	
LEXINGTON	WD4EJA	449.95	444.95	N	
LOUISVILLE	N4ORL	447.00	442.00	N	RP
LOUISVILLE	KD4DYH	447.225	442.225	N	
LOUISVILLE	KB4RYM	447.50	442.50	N	C
LOUISVILLE	WD4ELX	447.55	442.55	N	PROPOSED
LOUISVILLE	KB4YJ	447.725	442.725	N	BET
LOUISVILLE	WD4ELX	448.45	443.45	N	PROPOSED
LOUISVILLE	WD9EQC	448.50	443.50	N	
LOUISVILLE	N4UL	449.10	444.10	*	BELRPT
LOUISVILLE	WB4JZD	449.30	444.30	*	O
LOUISVILLE	W4MOP	449.50	444.50	N	P
LOUISVILLE	N4NMC	449.60	444.60	*	BEP
LOUISVILLE	WA4AUN	449.70	444.70	N	
LOUISVILLE AREA	N4RBL	447.45	442.45	*	BEPT151.4
LYNCH/BLACK MT.	N4IZD	448.10	443.10	N	
MADISONVILLE	KC4FIE	447.425	442.425		
MADISONVILLE	WD4EBZ	447.775	442.775		B
META	WB4UBY	448.50	443.50	N	R
NEBO	AA4NI	449.85	444.85	N	C
NICHOLASVILLE	WB4CWF	449.975	444.975	N	CR
OAK LEVEL	NN2E	449.20	444.20	N	T173.8
OWENSBORO	WB4AOH	439.25	427.25	N	V
PHELPS	N4MVY	449.575	444.575	N	
PIKEVILLE	AD4BI	449.475	444.475	N	PROPOSED
PRESTONSBURG	WB4TRS	449.20	444.20	N	PROPOSED
ROBINSON CREEK	KC4VYX	449.675	444.675	N	B
SALEM	KC4VXR	449.825	444.825	*	
SALVISA	KC4UPE	449.875	444.875		BCPT167.9
SPRINGFIELD	WA4SJH	444.60	449.60	N	
STANTON	N4VOS	447.075	442.075	N	CRP
UNION	KC4COV	449.175	444.175	*	AR
VERSAILLES	AD4CR	448.775	443.775		PROPOSED

MISSISSIPPI REPEATERS

10 METERS

POPLARVILLE	WA5WRE	29.52	29.62	*	O

6 METERS

ELLISVILLE	N5EKR	52.01	53.01	*	

2 METERS

ABERDEEN	WB5USN	147.87	147.27	N	A
ACKERMAN	NO5N	147.72	147.12	N	
AMORY	KB5DWX	146.34	146.94	N	A
AMORY	KB5DSN	147.69	147.09	N	
BAY ST. LOUIS	K5GY	146.10	146.70	N	
BAY ST. LOUIS	K0VNO	146.25	146.85	N	
BILOXI	KC5IF	146.13	146.73	*	APER
BILOXI	K5TYP	146.19	146.79	N	AB
BOONEVILLE	WB5UVT	144.59	145.19	*	AB
BUDE	K5JMD	146.25	146.85	N	
CHATAWA	WB5GOJ	144.71	145.31	N	PR
CLEVELAND	K5BWW	146.25	146.85	N	
CLINTON	AA5JC	147.945	147.345	N	PR
COLLINS	N5LRQ	146.385	146.985	*	
COLUMBIA	N5SPF	147.885	147.285	*	
COLUMBUS	KA5LVU	144.83	145.43	N	A
COLUMBUS	N5NKZ	147.60	147.00	N	A
CORINTH	KA5RPB	144.29	145.39	N	A
CORINTH	WB5VOJ	146.325	146.925	N	
CORINTH	K5UFH	146.40	147.00	N	
CORINTH	KB4CTS	147.885	147.285	N	
D'IBERVILLE	KC5IF	144.81	145.41	*	APER
D'IBERVILLE	W5OXA	147.825	147.225	N	L
ELLISVILLE	N5EKR	146.355	146.955	N	
ELLISVILLE	N5DWU	147.465	146.865	*	PLT
FULTON	N5VGK	144.89	145.49	N	A
GREENVILLE	WA5MBA	146.22	146.82	N	A
GREENWOOD	KA5TQY	146.115	146.715	N	
GRENADA	WB5LVA	146.10	146.70	N	
GULFPORT	KA5CYR	144.73	145.33	*	ABE
GULFPORT	KA5VFU	147.975	147.375	*	L
HATTIESBURG	W5CJR	144.59	145.19	N	
HATTIESBURG	KA5NNX	144.77	145.37	N	
HATTIESBURG	N5LRQ	146.07	146.67	*	L
HATTIESBURG	W5CJR	147.96	147.36	*	
HERNANDO	K5VV	146.31	146.91	N	A
HORN LAKE	KA0BRN	144.57	145.17	N	EPT
INVERNESS	WA5UDQ	147.78	147.18	N	
ISOLA	KC5OB	146.355	146.955	*	
IUKA	WB5MFK	146.25	146.85	N	A
JACKSON	N5NIL	146.04	146.64	*	
JACKSON	W5AXQ	146.16	146.76	*	
JACKSON	K5QNE	146.28	146.88	*	ABE
JACKSON	KA5SBK	146.34	146.94	N	BET100.0
JACKSON	NC5Y	147.675	147.075	N	AT
JACNITO	WB5HKK	147.75	147.15	N	A
KOSCIUSKO	W5LWC	146.25	146.85	N	
LAUREL	KB5IXI	146.01	146.61	*	P
LAUREL	WV5D	146.43	147.03	N	
LAUREL	KC5RC	147.855	147.255	N	
LOUISVILLE	KB5PKU	147.96	147.36	*	A
MAGEE	K5HYE	146.22	146.82	*	
MAGEE	KA5LNY	147.90	147.30	*	
MCCOMB	K5JMD	146.34	146.94	N	A
MCHENRY	KA5CYR	147.93	147.33	*	B
MENDENHALL	K5HYE	144.51	145.11	*	B
MERIDIAN	W5DEJ	146.10	146.70	*	A
MONTICELLO	N5JHK	147.615	147.015	N	PR
MOOREVILLE	WB5NAY	146.04	146.64	N	A
NATCHEZ	W5KHB	146.085	146.685	N	
NATCHEZ	K5OCM	146.31	146.91	N	A
NATCHEZ	K5SVC	147.96	147.36	N	
NEW ALBANY	N5CAX	146.07	146.67	N	AB
NEW HEBRON	N5MRS	147.69	147.09	N	AEATLRB
OCEAN SPRINGS	W5LDD	147.63	147.03	*	AB
OLIVE BRANCH	KA5WMH	144.75	145.35	N	C
PASCAGOULA	W5WA	144.51	145.11	*	
PASCAGOULA	N5AAY	146.28	146.88	N	A
PASCAGOULA	KI5ZH	146.37	146.97	*	
PEARL/RANKIN CO.	KF5IZ	147.75	147.15	N	ABET88.5
PETAL	N5LRQ	147.735	147.135	*	O
PHILADELPHIA	N5EPP	147.93	147.33	N	
PICAYUNE	K5LFP	144.55	145.15	N	A
PONTOTOC	WB5NAY	147.98	147.38	N	
POPLARVILLE	WA5WRE	144.61	145.21	*	A
PORT GIBSON	KE5WO	146.025	146.625	N	
PRENTISS	WB5UNA	147.99	147.39	N	
RICHTON	N5OCF	147.66	147.06	*	
SENATOBIA	KB5DMT	146.385	146.985	N	
SHARON	N5RMZ	144.85	145.45	N	B
SOUTHAVEN	N5PYQ	144.77	145.37	N	O
STARKVILLE	W5VZF	146.13	146.73	*	
STARKVILLE	KF5C	146.205	146.805	N	P
SUMRALL	KA5FYW	147.795	147.195	N	
TUPELO	AI5R	147.84	147.24	N	A
UNION	N5SPJ	147.81	147.21	N	ABRT
VICKSBURG	WJ5L	144.69	145.29	N	
VICKSBURG	WB5SXK	147.87	147.27	N	
WALLS	N5NBG	144.67	145.27	*	PT162.2
WARSAW	N4DRL	147.825	147.225	*	
WATER VALLEY	WB5QFX	146.40	147.00	N	
WAYNESBORO	KI5WK	147.705	147.105	N	PR
WEST POINT	KO5S	146.19	146.79	N	A
WIGGINS	KB5DZJ	144.67	145.27	*	ABL
WINFIELD (AL)	KC4RNF	147.64	147.04	*	NB
WINONA	N5DHS	146.37	146.97	N	A

220 MHZ

ACKERMAN	NM5D	223.18	224.78	N	
ACKERMAN	NM5D	223.22	224.82	N	
BAY ST. LOUIS	K0VNO	223.28	224.88	N	
BILOXI	K5TYP	222.90	224.50	N	
ELLISVILLE	N5EKR	222.80	224.40	N	C
GLEN	KA5RPB	222.92	224.52	N	
HATTIESBURG	W5CJR	223.14	224.74	N	
PASCAGOULA	W5WA	222.72	224.32	*	
PONTOTOC	KE5ST	223.30	224.90	N	

440 MHZ

ACKERMAN	NM5D	448.65	443.65	N	
ACKERMAN	NM5D	449.90	444.90	N	
AMORY	KB5DSN	449.825	444.825	N	
CLERMONT HARBOR	WD5BJT	449.15	444.15	N	AL
CLINTON	KB5CO	449.60	444.60	*	
ELLISVILLE	N5DWU	447.20	442.20	*	BERPT167.9
ELLISVILLE	N5DWU	447.25	442.25	*	BLT167.9
ELLISVILLE	N5DWU	448.90	443.90	*	AE
GAUTIER	KA5NOJ	439.25	426.25	*	V
GULFPORT	KA5CYR	449.25	444.25	*	ABE
HATTIESBURG	N5LRQ	448.55	443.55	*	
#HEIDELBERG	KC5RC	449.30	444.30	N	UNCOORD.
HICKORY FLAT	W4ZCD	449.625	444.625	N	
HORN LAKE	KE5ST	449.65	444.65	N	
INDIANOLA	AB5DU	449.85	444.85	N	
JACKSON	KB5II	449.00	444.00	*	
JACKSON	KB5LCL	449.45	444.45	N	T141.3
JACKSON	NC5Y	449.70	444.70	N	
JACKSON	KA5AGD	449.975	444.975	N	
JACKSON, EAST	AA5RZ	448.625	443.625	N	
LAUREL	AJ0X	448.50	443.50	*	ABER
MCHENRY	KA5CYR	449.75	444.75	*	
MENDENHALL	K5HYE	448.60	443.60	*	B
MERIDIAN	WA5WUX	449.10	444.10	N	PEL
MERIDIAN	KB5LTW	449.40	444.40	N	BER
NATCHEZ	N5IAT	448.80	443.80	N	A
NEW ALBANY	WB5YCR	449.15	444.15	N	O
NEW HEBRON	N5MRS	449.525	444.525	N	A
PEARL	KB5HAV	449.375	444.375	N	ABT
PETAL	N5VEI	448.35	443.35	N	BRP
POPLARVILLE	WA5WRE	449.85	444.85	*	
RICHTON	N5OCF	449.625	444.625	*	RP
SOUTHAVEN	N5PYQ	449.925	444.925	N	
STARKVILLE	W5VZF	449.75	444.75	*	PR
VICKSBURG	WB5TTE	449.925	444.925	N	PR
WAYNESBORO	KI5WK	449.50	444.50	N	
WIGGINS	KB5DZJ	448.30	443.30	*	B
WINONA	N5EYM	449.95	444.95	N	

NORTH CAROLINA REPEATERS

10 METERS

BALD CREEK	N1BEC	29.56	29.66	N	
NEWPORT	K4GRW	29.56	29.66	N	PR
THOMASVILLE	KK4VO	29.58	29.68	*	L
WILKESBORO	KC4XE	29.52	29.62	*	L
WILSON	WD4IDA	29.54	29.64	*	C
WILSON	WB4IUY	29.58	29.68	*	

6 METERS

BALD CREEK	N1BEC	52.03	53.03	N	
BOONE/RICH MTN.	WA4PXV	52.05	53.05	*	BLR
GASTONIA	N4XTF	52.11	53.11	*	ABELR
HAW RIVER	KD4JFN	52.23	53.23	N	
MARS HILL	WB4PLA	52.09	53.09	*	C
NEWPORT	K4GRW	52.01	53.01	N	PR
RALEIGH	WA4PEN	52.03	53.03	*	O
RALEIGH	W1IFL	52.19	53.19	N	
RALEIGH	WA4PEN	52.25	53.25	*	C B
ROCKY MOUNT	N4YTU	52.59	53.59	N	
SAURATOWN MT.	N4QLX	52.21	53.21	N	
STATESVILLE	WA4WRS	52.67	53.67	N	C
THOMASVILLE	K4AZA	52.17	53.17	*	L
THOMASVILLE	K4AZA	52.525	52.525	N	RB
WILSON	WB4IUY	52.07	53.07	*	

2 METERS

AHOSKIE	WB4YNF	144.53	145.13	N	A
AHOSKIE	WA4JGQ	146.31	146.91	*	P
ALBEMARLE	K4OGB	146.385	146.985	*	A
ANDREWS/ROBBINS	VK4AIH	146.445	147.045	*	BELP
AQUADALE	WA4CHZ	147.99	147.39	*	A
ASHEBORO	KJ4AV	147.855	147.255	*	PL
#ASHEVILLE	WA4PLA	146.235	146.835	N	UNCOORD.
ASHEVILLE/FLATTP	N4OOC	147.78	147.18	N	PROPOSED
ASHVL/MT PISGAH	WA4BVW	146.16	146.76	*	T151.4
ASHVL/SPIVEY MT	W4MOE	146.31	146.91	*	A
BAKERSVILLE	KC4WPM	144.71	145.31	*	ABE
BALD CREEK	N1BEC	147.645	147.045	N	
BEULAVILLE	N4VBH	144.63	145.23	*	A
BOONE/RICH MTN.	WA4KDB	147.96	147.36	*	A
BREVARD	K4GBH	147.735	147.135	N	P
BROADWAY	KM4OX	147.705	147.105	N	
BURGAW	W4DLH	146.34	146.94	*	
BURLINGTON	K4FHB	146.07	146.67	*	AB
BURLINGTON	KD4JFN	147.675	147.075	*	ABERT107.2
BURNSVILLE	N4YN	147.975	147.375	N	A
BUXTON	N4AAY	144.55	145.15	N	
CANTON	WA4BVW	147.405	146.805	*	
CARTHAGE	W4NIW	147.84	147.24	*	AEKP
CASTORIA	KM4OX	147.795	147.195	*	PROPOSED
CHARLOTTE	W4BFB	144.63	145.23	*	
CHARLOTTE	W4BFB	144.69	145.29	*	A
CHARLOTTE	WA4AOS	144.75	145.35	N	L
CHARLOTTE	W4BFB	146.34	146.94	*	A
CHARLOTTE	W4CQ	146.46	147.06	*	BE
CHARLOTTE	WD4PLY	147.99	147.39	N	P
CHERRY MT.	WA4BKU	146.07	146.67	*	O
CHERRYVILLE	K4JTX	144.51	145.11	*	
CLAYTON	KO4XC	144.69	145.29	N	PROPOSED
CLAYTON	WB4IUY	147.99	147.39	*	ABE
CLINTON	WA4LZD	146.19	146.79	N	
COLUMBIA	KB4TOH	144.51	145.11	N	ABEL
CONCORD/KANNAP.	K4CEB	146.055	146.655	*	PB
CROWDERS MT/GASTWD	4PLY	144.85	145.45	N	
DUNN	N4CID	146.10	146.70	*	P
DURHAM	WA4WTX	144.85	145.45	*	AL
DURHAM	WA4BFT	146.34	146.94	N	A
DURHAM	WD4LDB	147.96	147.36	*	ABE
EDEN/STONEVILLE	WA4QBG	147.99	147.39	*	
ELIZABETH CITY	WA4VTX	146.055	146.655	N	A
FAYETIEVILLE	N4EWG	146.205	146.805	*	

MORE NORTH CAROLINA REPEATERS

FAYETTEVILLE	WA4FLR	146.445	147.045	N	Y
FAYVLLE/CFARS	WB4YZF	146.31	146.91	*	P
FAYVLLE/FT BRAGG	W4LPL	147.93	147.33	*	
FOREST CITY	K4PBG	147.84	147.24	*	AT123.0
FRANKLIN	W4ZCZ	144.89	145.49	N	
FRANKLIN	W4GHZ	147.84	147.24	*	T151.4
GAST/SPCR MT	W4REW	147.72	147.12	*	A
GASTONIA	N0IZF	146.205	146.805	*	ABELR
GIBSONVILLE	AC4DZ	144.89	145.49	*	ART103.5
GOLDSBORO	K4CYP	146.25	146.85	*	PT
GREENSBORO	KC4SJE	144.65	145.25	*	BEP
GREENSBORO	N4GGD	144.69	145.29	*	RP
GREENSBORO	N4QAA	144.71	145.31	N	AER
GREENSBORO	K4SNI	146.01	146.61	*	A
GREENSBORO	N4GGD	146.16	146.76	*	BEPR
GREENSBORO	W4GG	147.63	147.03	*	PL
GREENSBORO	W4BUZ	147.81	147.21	N	B
GREENVILLE	WD4JPQ	144.75	145.35	*	ABEL
GREENVILLE	K4ROK	147.975	147.375	*	A
GREENVL/ESTN NC	W4GDF	147.69	147.09	*	
GRIFTON	W4NBR	146.085	146.685	*	
HENDERSONVILLE	WB4YAO	146.04	146.64	*	BLP
HENDSVL/BERWLW	MWA4KNI	144.67	145.27	*	A
HENDSVL/PENIC/MT	WA4KNI	147.855	147.255	*	A
HICKORY/BRT. MT	WA4MDW	146.25	146.85	N	
HIGH PEAK MTN	K4OLC	144.61	145.21	N	
HIGH POINT	N4XO	144.81	145.41	N	A
HIGH POINT	N4NNR	147.435	146.835	*	PL
HIGH POINT	WA4RIS	147.765	147.165	*	BP
HILLSBOROUGH	WA4WTX	147.825	147.225	*	AL
JACKSONVILLE	KA4SQN	144.59	145.19	*	B
JACKSONVILLE	WD4FVO	146.40	147.00	N	AE
JEFFERSON	W4YJG	147.90	147.30	*	A
KELLERSVILLE	N4WET	147.705	147.105	N	
KINSTON	W4OIX	144.87	145.47	*	A
LAURINBURG	KI4RR	146.025	146.625	*	BEP
LENOIR	N4NIN	147.795	147.195	*	
LENOIR/HIBRITN	KN4K	147.93	147.33	*	
LEXINGTON	K4IZM	146.31	146.91	*	EP
LK NORMN/CLT	WB4KPF	147.615	147.015	N	P
LUMBERTON	KS4S	147.96	147.36	*	P
MACO	WA4LED	147.66	147.06	*	P
MADISON	KA4YFF	146.295	146.895	*	
MANTEO/WANCHESE	KC4VM	146.34	146.94	*	ALE
MARION	WD4PVE	146.385	146.985	N	A
MIDWAY	KM4AR	144.67	145.27	*	
MILLERS CREEK	N4GGN	146.115	146.715	*	A
MONROE	K4JCK	147.705	147.105	N	O
MONROE/UCARS	AB4DG	144.79	145.39	*	P
MORG WALKER TOP	N4OOC	147.825	147.225	*	ABL
MORGANTON	K4VLY	147.75	147.15	*	
MOUNTAIN HOME	K4GHH	147.705	147.105	*	
MT AIRY	AC4NZ	146.34	146.94	*	T100.0
MT AIRY	N4XRY	146.37	146.97	*	EP
MT MITCHELL	WA4BVW	144.59	145.19	*	
MT. AIRY	KD4J	144.73	145.33	*	A
MURPHY	KC4WB	147.795	147.195	N	O
MURPHY/STALCUP	K4FOY	147.465	146.865	*	BT151.4
N. WILKESBORO	N4AGN	144.77	145.37	*	P
NAGS HEAD/BODIE	K4UOR	146.235	146.835	*	AE
NEW BERN	WD4JMS	146.01	146.61	*	AL
NEWPORT	K4GRW	144.85	145.45	N	A
NEWTON	AG4L	147.675	147.075	*	ABER
NEWTON/ANDSN	MTW4ZQB	144.57	145.17	*	
OXFORD	AC4UO	144.57	145.17	N	P
OXFORD	WA4MII	144.77	145.37	*	
PIKEVILLE	KK4YP	144.73	145.33	*	C
RALEIGH	N4BQF	144.67	145.27	N	PL
RALEIGH	K4BWC	144.89	145.49	*	BY
RALEIGH	W4DW	146.04	146.64	*	ABE
RALEIGH	K4BWC	146.13	146.73	*	PB
RALEIGH	WB4TQD	146.28	146.88	*	L
RALEIGH	WB4TQD	147.75	147.15	*	P
RALEIGH BENSON	AK4H	147.87	147.27	*	BEP
RANDLEMAN/GBO	WD4CVM	144.55	145.15	*	L
RED SPRINGS	W4MZP	147.90	147.30	*	P
REIDSVILLE	K4YEC	146.25	146.85	*	L
ROANOKE RAPIDS	93	147.63	147.03	*	BP
ROARING GAP	WB4PZA	146.22	146.82	*	
ROCKINGHAM	WD4AVP	146.355	146.955	*	ABE
ROCKY MOUNT	WN4Z	147.72	147.12	N	PE
ROSEBORO	KM4OX	144.79	145.39	*	PROPOSED
SALISBURY	W4EXU	146.13	146.73	*	ELR
SANFORD	WB4EJJ	147.78	147.18	N	A
SAURATOWN MT	W4RXG	144.51	145.11	*	Y
SAURATOWN MT	W4NC	144.87	145.47	*	B
SAURATOWN MT	KK4AT	146.19	146.79	N	EPT107.2
SAURATOWN MT	K4JYH	147.915	147.315	*	BP
SELMA	KK4YP	147.615	147.015	*	C ABE
SHALLOTTE	K4PPD	144.77	145.37	*	PE
SHALLOTTE	K4PPD	147.915	147.315	*	BEP
SHALLOTTE	N4FAU	147.99	147.39	*	BEP
SHELBY	W4NYR	146.28	146.88	*	
SHELBY	W4NYR	147.945	147.345	*	P
SMITHFIELD	KD4JQ	146.37	146.97	*	A
SOUTHPORT	K4JYH	146.175	146.775	*	
SPARTA/GREEN MT.	K4ITL	144.83	145.43	N	L
SPRING LAKE	WB4KDC	146.115	146.715	N	
STATESVILLE	WA1EHL	146.085	146.685	*	PE
STATSVL/ASBRY MT.	WA1EHL	147.645	147.045	*	Y
SWANSBORO	KO4S	146.16	146.76	*	A
TABOR CITY	W4DCD	147.975	147.375	N	ALR
THOMASVILLE	K4AZA	146.40	147.00	*	LA
TRENTON	WB4TQD	144.61	145.21	*	L
TUCKASEGEE	W8OMV	147.90	147.30	N	
WADESBORO	W4USH	146.235	146.835	*	A
WASHINGTON	WA4TEP	147.945	147.345	*	A
WAXHAW	WA4ZRS	147.465	146.865	N	P
WAYNESVILLE	N4SM	147.87	147.27	*	A
WHITEVILLE	K4MSD	147.81	147.21	*	AL
WILLIAMSTON	KA4KNU	144.81	145.41	*	ABL
WILMINGTON	W4VNK	146.13	146.73	*	AB
WILMINGTON	K4GMP	146.22	146.82	*	BL
WILMINGTON	KM4GN	147.735	147.135	N	
WILMINGTON	N4CTJ	147.78	147.18	N	AL
WILSON	WB4THL	146.16	146.76	*	A
WINSTON-SALEM	W4NC	146.04	146.64	*	ABL
YADKINVILLE	N4XRY	146.415	147.015	*	
YAUPON BEACH	W4RPC	146.07	146.67	*	

220 MHZ

ANDREWS/ROBBINSV	K4AIH	223.28	224.88	*	TL
ARCHDALE	KC4HTS	223.22	224.82	*	R
ASHEVILLE	NC4N	223.00	224.60	*	
ASHEVILLE	N4TFU	223.14	224.74	N	BL
ASHVL/MT PISGAH	WA4BVW	222.66	224.26	*	
BALD CREEK	N1BEC	222.52	224.12	N	
CANTON	N4DWU	223.22	224.82	*	P
CHARLOTTE	W4BFB	222.80	224.40	*	A
CHERRYVILLE	K4JTX	223.36	224.96	*	
EDEN	WA4WGY	223.18	224.78	*	ABER
FAYETTEVILLE	W4EHF	222.42	224.02	*	L
FAYETTEVILLE	W4EHF	222.96	224.56	N	
GOLDSBORO	AA3CH	223.36	224.96	*	ELPT156.7
GREENSBORO	WB4WOR	222.54	224.14	*	K
GRIFTON	WA4DAN	223.24	224.84	*	L
GRIMESLAND	WB4PAC	222.76	224.36	N	
HENDERSONVILLE	N4UQS	223.36	224.96	*	
HENDSVL/BERWLW	MWA4KNI	222.64	224.24	*	
HIGH POINT	KC4KUL	223.00	224.60	*	AL
HILLSBOROUGH	WA4WTX	222.66	224.26	*	L
JACKSONVILLE	WA4WGA	222.72	224.32	*	C
LENOIR/HIBRITN	KN4K	222.56	224.16	*	
LINWOOD	KA4HUV	222.38	223.98	N	
LK NORMN/CLT	WB4KPF	223.08	224.68	N	
LOCUST	WA4ZIA	222.88	224.48	*	PL
MARS HILL	WB4PLA	223.06	224.66	*	L
MARSHALL	KA4TYO	222.76	224.36	N	
MORGANTON	WB4PML	223.20	224.80	N	
MT MITCHELL	WA4BVW	222.94	224.54	*	
OXFORD	AC4UO	223.14	224.74	N	
RALEIGH	WA4PEN	223.04	224.64	*	LP
RALEIGH	W1IFL	223.32	224.92	N	
ROCKY MOUNT	NF4C	222.62	224.22	*	AR
ROCKY MOUNT	KC4FKC	222.98	224.58	*	AB
SALISBURY	W4EXU	223.16	224.76	*	L
SAURATOWN MT	WA4YHH	222.98	224.58	*	
SAURATOWN MT	W4RXG	223.10	224.70	*	OY
SAURATOWN MT	W4RXG	223.28	224.88	*	O
SAURATOWN MT	WA4WTB	223.36	224.96	*	
SHELBY	W4NYR	222.46	224.06	*	
SHELBY	KC4ZTJ	222.86	224.46	*	
SPINDALE	KC4IEV	222.84	224.44	*	CT146.3
STATESVILLE	WA4PVI	222.70	224.30	N	
SUNSET BEACH	AC4AM	223.06	224.66	*	A
THOMASVILLE	K4AZA	222.74	224.34	N	LA
TRENTON	WA4DAN	223.12	224.72	*	
WILMINGTON	KM4GN	222.60	224.20	N	
WILMINGTON	K4YNY	222.90	224.50	N	LR
WINSTON-SALEM	WA4YHH	223.04	224.64	*	RP

440 MHZ

AHOSKIE	WB4YNF	449.20	444.20	N	T
ANDREWS/ROBBINSV	K4AIH	448.65	443.65	*	BLT
ARCHDALE	KC4SVQ	448.30	443.30	N	AR
ASHEBORO	KQ4ML	449.975	444.975	*	
ASHEVILLE	N4DWT	449.90	444.90	*	
AUBURN	N4ZCM	447.275	442.275	*	
BAKERSVILLE	KM4GR	447.75	442.75	*	C
BALD CREEK	N1BEC	449.875	444.875	N	
BOONE/RICH MTN	WA4PXV	448.575	443.575	*	BLR
BOSTIC	KC4YOQ	449.125	444.125	*	
BURLINGTON	AC4DZ	448.025	443.025	*	AT107.2
CHAPEL HILL	KZ1X	448.475	443.475	*	BCLT
CHARLOTTE	W4PPN	439.25	421.25	*	V
CHARLOTTE	KD4OWV	448.95	443.95	N	
CHARLOTTE	W4CQ	449.45	444.45	*	A
CHARLOTTE	W4BFB	449.60	444.60	*	
CHARLOTTE	K4DIL	449.675	444.675	*	
CHARLOTTE	W4CQ	449.85	444.85	*	
CROWDERS MTN	KD4FRP	448.675	443.675	N	
DALLAS/CHARLOTTE	WA1WXL	449.95	444.95	*	BLT136.5
DENVER/CLT	KA4YMY	449.70	444.70	*	BL
DURHAM	WA4WTX	449.10	444.10	*	AL
EDEN	WA4WGY	448.975	443.975	*	
FAYETTEVILLE	WB4YZF	449.40	444.40	*	
FOREST CITY	KC4YOQ	449.40	444.40	*	
GASTONIA	N0IZF	449.15	444.15	*	ABELR
GASTONIA	WB4VTE	449.55	444.55	*	
GASTONIA/CROWDER	KC4YOT	448.75	443.75	*	ABELR
GASTONIA/CROWDER	N0IZF	449.75	444.75	*	ABELR
GIBSONVILLE	WC3V	449.35	444.35	N	C
GOLDSBORO	AA3CH	448.05	443.05	*	ELT156.7
GREENSBORO	WB4GUG	447.225	442.225	*	
GREENSBORO	WD4PQZ	448.50	443.50	*	ALR
GREENSBORO	WB4WOR	449.30	444.30	*	BEP
GREENVILLE	AI4J	449.80	444.80	*	
#HAMLET	WA4ZIA	448.20	443.20	*	UNCOORD.
HAW RIVER	KD4JFN	448.775	443.775	*	ABERT107.2
HAW RIVER	K2MZ	448.875	443.875	N	T
HENDSVL/BERWLW	MWA4KNI	449.25	444.25	*	
HICKORY	K4JEQ	449.00	444.00	N	
HIGH POINT	N4LXW	448.70	443.70	N	
HIGH POINT	KB4JIF	448.90	443.90	*	B
HIGH POINT	AC4DZ	449.025	444.025	*	A
JACKSONVILLE	WA4WGA	449.675	444.675	*	C
KANNAPOLIS	N4JEX	448.25	443.25	*	
KING/SAURATOWN	MWA4YHH	449.775	444.775	*	T103.5
LEXINGTON	WD4ICX	449.50	444.50	N	
LOCUST	WA4LBT	448.70	443.70	*	PL
LUMBERTON	WB4DVN	449.625	444.625	N	B
#MARSHALL	KC4KPW	447.00	442.00	N	UNCOORD.
#MARSHALL	KC4KPW	448.00	443.00	N	UNCOORD.
MIDDLESEX	NE4J	449.65	444.65	*	
MORG. WALKER TOP	N4OOC	447.30	442.30	N	ABL
MT AIRY/FSH PK	KF4UY	449.825	444.825	*	ABLR
MT MITCHELL	N4DWU	448.60	443.60	*	
MT. AIRY	N4XRY	449.925	444.925	*	
MURPHY	N4USU	447.60	442.60	N	T151.4
NEW BERN	WD4JMS	449.90	444.90	*	B
OXFORD	AC4UO	449.60	444.60	N	
PIKEVILLE	KK4YP	448.00	443.00	*	C
PINEY KNOB	KC4KPW	448.875	443.875	*	
PITTSBORO	WB4MMY	447.55	442.55	*	PT
PITTSBORO	KD4JFN	449.75	444.75	N	PROPOSED
POLKVILLE	KC4ZTJ	449.975	444.975	*	P
RALEIGH	N4BEA	447.15	442.15	N	L
RALEIGH	N4LMR	447.45	442.45	N	P
RALEIGH	N4ZCM	448.225	443.225	*	BPT
RALEIGH	W1IFL	448.375	443.375	N	
RALEIGH	WA4PEN	449.525	444.525	*	PL
RALEIGH	W4ATC	449.775	444.775	N	
RALEIGH	KD4RAA	449.875	444.875	*	
RALEIGH	W4DW	449.95	444.95	*	A
REIDSVILLE/EDEN	K4YEC	449.80	444.80	*	
ROANOKE RAPIDS	KK4VM	449.55	444.55	N	AO
ROARING GAP	KC4XE	448.55	443.55	*	L
ROCKY MOUNT	N4JEH	449.70	444.70	N	BP
#ROCKY MT	WB4WAA	449.00	444.00	*	UNCOORD.
SALISBURY	W4HG	448.15	443.15	*	ABT
SALISBURY	K0SD	449.575	444.575	N	A
SALISBURY	N4MME	449.65	444.65	*	AT
SAURATOWN MT	K4AZA	439.25	421.25	*	OV
SAURATOWN MT	N4GGC	448.10	443.10	*	L
SAURATOWN MT	WB4GUG	448.40	443.40	*	C
SELMA	KK4YP	449.00	444.00	*	BP
SHELBY	W4NYR	439.25	427.25	*	V
SMITHFIELD	KD4BFI	449.25	444.25	N	
SPINDALE	KC4IEV	448.30	443.30	*	T123.0
STATESVILLE	N4VOZ	448.45	443.45	*	O A
SUNSET BEACH	AC4AM	447.625	442.625	*	C
TAYLORSVL/BARR MK	4OLC	449.05	444.05	*	BC
THOMASVILLE	K4AZA	447.90	442.90	*	L
WEST JEFFERSON	WA4PXV	447.375	442.375	*	C
WILMINGTON	KM4GN	447.20	442.20	N	P
WILMINGTON	K4YNY	447.500	442.500	N	ALR
WILMINGTON	KM4GN	449.20	444.20	N	
WILMINGTON	K4GMP	449.85	444.85	*	B
WILSON	NE4J	449.90	444.90	*	L
WINSTON-SALEM	W4NC	449.275	444.275	*	C
WINSTON-SALEM	N4QDK	449.725	444.725	N	ABR
YADKINVILLE	N4AAD	447.80	442.80	*	A
YANCEYVILLE	N4VWK	449.225	444.225	N	A
YAUPON BEACH	W4RPC	448.40	443.40	*	C

1270 MHZ

CHARLOTTE	KA4YMY	1271.95	1291.95	*	
#CHARLOTTE	W4PPN	1277.25	1253.25	*	UNCOORD.
GASTONIA/CROWDER	N0IZF	1272.82	1292.82	*	ABELR
SAURATOWN MTN	KB4SXY	1271.40	1291.40	N	PROPOSED

SOUTH CAROLINA REPEATERS

10 METERS

RKY RDG/WALLACE	KA4ABW	29.60	RMT.BS	*	R

6 METERS

PICKENS	WB4YXY	52.41	53.41	N	

2 METERS

AIKEN	W4TUN	144.57	145.17	N	A
AIKEN	N4ADM	147.885	147.285	*	P
ANDERSON	N4SZ	146.37	146.97	*	BP
ANDERSON/SAS MT	W4FVV	146.19	146.79	*	B
AWENDAW	K4ESG	146.16	146.76	N	BPT
AWENDAW	K4ESG	147.90	147.30	N	PT103.5
BAMBERG	WA4DFP	144.73	145.33	*	
BARNWELL	WA4FOF	147.63	147.03	*	B
BEAUFORT	KB4GY	144.71	145.31	*	
BOWMAN	KC4NXU	144.79	145.39	N	
CHARLESTON	WB4UIV	144.65	145.25	*	
CHARLESTON	WA4USN	146.19	146.79	*	
CHARLESTON	KC4UDD	146.235	146.835	*	ABL
CHARLESTON	KD4PBC	146.34	146.94	*	BL
CHARLESTON	WB4LET	147.87	147.27	N	PL
CHERAW	KA4ABW	147.735	147.135	N	AE
CHESTER	AC4IP	146.025	146.625	N	CLOSED-T
COLUMBIA	WB4NEP	146.115	146.715	N	P
COLUMBIA	KC4GYM	146.175	146.775	*	BLPT156.7
COLUMBIA	KB4HE	146.40	147.00	N	BLPT
COLUMBIA	N4NUY	147.93	147.33	*	
COLUMBIA	N4EOY	147.96	147.36	N	L
CONWAY	WD4JMT	144.51	145.11	*	BE
DILLON/PEE DEE	NN4N	146.145	146.745	*	
ELLOREE	KC4WIF	146.01	146.61	*	AB
FLORENCE	W4ULH	146.25	146.85	*	A
FLORENCE	WA4ISM	146.37	146.97	*	A
FLORENCE	W4PNZ	147.795	147.195	N	B
FORT MILL	AA4SC	147.78	147.18	*	
GAFFNEY	KN4RG	144.87	145.47	*	B
GASTON	WB4NEP	144.61	145.21	N	P
GEORGETOWN	WD4DMI	147.975	147.375	N	
GILBERT	KC4GYM	144.83	145.43	*	P
GREENVILLE	W4IQG	146.34	146.94	*	T
GREENVILLE	K4LEO	147.975	147.375	N	T
GREENWOOD	K4VIA	147.765	147.165	*	BP
GREENWOOD/HODGES	KB4CS	144.53	145.13	N	
GRNVLE/CSRS HD	W4NYK	146.01	146.61	*	
GRNVLE/PARIS MT	W4NYK	146.22	146.82	*	P
HILTON HEAD	W4ILN	147.84	147.24	*	
INMAN	WD8OXE	144.55	145.15	*	P
LANCASTER	W4PAX	146.10	146.70	*	
LANCASTER	AC4VT	147.84	147.24	*	
LAURENS	KB4YF	146.265	146.865	*	
LEXINGTON	KB4HE	146.64	147.00	N	BL
LEXINGTON	KA4FEC	147.99	147.39	*	B
LITTLE MT.	K4AVU	147.81	147.21	N	
MARION	W4YLT	146.40	147.00	N	E
MONCKS CORNER	KA4BJM	147.75	147.15	N	
MYR BCH/BRKSVIL	W4DCD	147.885	147.285	N	AL
MYRTLE BEACH	WA4DDK	144.87	145.47	N	T
MYRTLE BEACH	WD4JMT	147.72	147.12	*	BER
N. AUGUSTA	K4FKJ	146.13	146.73	*	
N. MYRTLE BEACH	K4HOG	147.63	147.03	*	B
N. SPARTANBURG	N4UZT	147.915	147.315	*	ABT141.3
NEWBERRY	KB4CO	146.085	146.685	N	
ORANGEBURG	WM3O	146.205	146.805	N	C
ORANGEBURG	KC4WIF	146.28	146.88	*	ABL
ORANGEBURG	KM4RP	147.69	147.09	N	
PAGELAND/HIPOINT	KA4ABW	146.295	146.895	*	ABLR
PICKENS	WB4YXZ	146.40	147.00	N	
RKY RDG/WALLACE	KA4ABW	144.89	145.49	*	A
ROCK HILL	AA4PF	144.71	145.31	*	PL
ROCK HILL	K4YTZ	146.43	147.03	N	P
SANTEE	W4DTW	147.825	147.225	N	AB
SENECA/LONG MT	WA4JRJ	147.87	147.27	*	BEP
SIMPSONVILLE	WD4BJY	146.13	146.73	*	
SIMPSONVILLE	WA4SDT	147.75	147.15	N	Y
SPARTANBURG	K4JLA	147.69	147.09	*	A
ST. MATTHEWS	AD4U	146.07	146.67	N	ABLRT131.8
SUMMERTON	N4LWY	144.55	145.15	N	P
SUMMERVILLE	WA4HNK	147.78	147.18	N	
SUMTER	WB4KIV	144.53	145.13	N	
SUMTER	WB4KIV	146.04	146.64	*	
#SUMTER	WA4UMU	147.615	147.015	*	UNCOORD.
SUMTER/SHAW	W4VFR	147.66	147.06	N	A
UNION	KI4PA	147.90	147.30	N	BEP
WEST COLUMBIA	KC4GYM	144.67	145.27	*	BLP
WHITE HALL	W4BWZ	146.31	146.91	*	B
WHITE OAK MTN	WD4MGM	147.885	147.285	N	

This SERA Official Repeater Index Reflects Changes thru October 18, 1993

220 MHZ

AIKEN	W4TUN	223.36	224.96	N	TA
CHARLESTON	KA4NRL	222.58	224.18	N	BP
COLUMBIA	KC4SWI	223.04	224.64	N	BP
COLUMBIA	N4EOY	223.30	224.90	N	LR
CROSS	KB4VFD	222.98	224.58	*	CA
FLORENCE	N4JJ	223.34	224.94	N	BP
GREENVILLE	W4ILY	222.60	224.20	*	A
LEXINGTON	KD4KAO	222.96	224.56	N	T
LITTLE MTN.	K4RWN	222.92	224.52	N	PB
ORANGEBURG	KO4BR	223.18	224.78	N	BP
PICKENS	WB4QHF	222.80	224.40	*	BP
PICKENS/CSRS HD	WB4QHF	222.54	224.14	*	LR
PICKENS/SASFR MT.	KJ4X	222.72	224.32	N	B
ROPER MT/GRNVL	W4NYK	223.32	224.92	*	
SUMTER	K4GYR	223.26	224.86	*	
SUMTER/SHAW	W4VFR	223.06	224.66	N	
WEST SPRINGS	KN4CW	222.84	224.44	N	BP

440 MHZ

AIKEN	W4TUN	448.40	443.40	N	TA
ANDERSON/SAS MT	WD4BUH	449.925	444.925	*	BO
CHARLESTON	N4MNH	449.30	444.30	*	AB
CHARLESTON	KD4PBC	449.95	444.95	*	BL
COLUMBIA	KC4GYM	447.075	442.075	*	BT156.7
COLUMBIA	N4EOY	448.00	443.00	N	LR
FLORENCE	N4JJ	449.00	444.00	N	B
GAFFNEY	KN4RG	449.80	444.80	*	C
GEORGETOWN	WD4JMT	449.925	444.925	N	AB
GREENVILLE	KB4PQA	447.25	442.25	*	BRP
GRNVLE/PARIS MT	ND4N	448.35	443.35	*	P
LANCASTER	N4MZL	449.10	444.10	N	A
LAURENS	WD4CWY	448.775	443.775	*	BT
LEXINGTON	N4GUP	439.25	421.25	*	V
LEXINGTON	KD4KAO	449.35	444.35	N	BT
MYR BCH/BRKSVIL	W4DCD	449.525	444.525	N	ALR
MYR BCH/CONWAY	WD4JMT	449.675	444.675	*	ABT203.5
NORTH CHARLESTON	KC4UDD	449.60	444.60	*	AB
ORANGEBURG	WM3O	449.975	444.975	N	AB
PICKENS/CSRS HD	WB4QHF	447.40	442.40	*	
ROCK HILL	WB4TWX	448.475	443.475	N	B
SUMMERVILLE	KC4OOZ	447.30	442.30	*	BR
SUMMERVILLE	WA4HNK	448.80	443.80	*	EP
SUMTER	WA4UMU	439.25	423.25	N	V
SUMTER	K4GYR	449.50	444.50	*	P
WEST COLUMBIA	KC4GYM	449.20	444.20	*	BLPT156.7

TENNESSEE REPEATERS

10 METERS

GREENEVILLE	WB4NKM	29.54	29.64	*	
JACKSON	NQ4W	29.54	29.64	N	C
MEM/FISHERVILLE	N4DRL	29.58	29.68	*	ALR
MEMPHIS	W4ZJM	29.52	29.62	*	BLT*#
NASHVILLE	WA4BZU	29.54	29.64	N	TLO
UNION CITY	WA4YGM	29.56	29.66	*	O

6 METERS

CHATTANOOGA	WB4LRD	52.01	53.01	N	
COOKEVILLE	WA4UCE	52.19	53.19	N	
GALLATIN	WD4KWP	52.45	53.45	N	L
GREENEVILLE	WB4NKM	52.01	53.01	*	
GUTHRIE (TN/KY)	KA4ZKL	52.23	53.23	N	
KNOXVILLE	WA4YON	52.25	53.25	N	
KNXVL/ENG MT	WB4IOB	52.15	53.15	*	A
MEM/FISHERVILLE	N4DRL	52.27	53.27	*	LRT
MEMPHIS	WA4KOG	52.01	53.01	N	
MEMPHIS	K4RDK	52.55	53.55	N	
MORRISTOWN	KD4LP	52.23	53.23	*	
NASHVILLE	N4ARK	52.525	145.21	*	BR
OAK RIDGE	WD4GYN	52.11	53.11	*	
#ROAN MTN.	KD4PVU	52.31	53.31	N	UNCOORD.

2 METERS

ALAMO	WB4EDS	147.735	147.135	N	
ALCOA	N4RYR	146.055	146.655	*	ABE
ANDERSON CTY	WB4KUD	146.10	146.70	*	AB
ATHENS	WA4PNI	144.71	145.31	*	T141.3
BENTON	K4SIR	144.85	145.45	N	T
BLOUNTVILLE	WA4KMG	147.60	147.00	N	B
BLUFF CITY	KA4ZTK	147.885	147.285	N	BE
BRISTOL	WB4DKI	146.07	146.67	*	A
BRISTOL	WD4CYZ	146.28	146.88	N	
BRISTOL/HLSTN MT	K4LSP	146.16	146.76	N	A
BROWNSVILLE	KB4YTU	144.83	145.43	N	PL
BROWNSVILLE	K4OKV	146.055	146.655	*	AB
CARTHAGE	N4OTT	144.59	145.19	*	
CHARLESTON	KD4LDU	146.46	147.06	N	PROPOSED
CHATT/SIGNAL MT	W4AM	146.055	146.655	N	O
CHATTANOOGA	K4CMY	144.53	145.13	*	
CHATTANOOGA	K4VCM	144.69	145.29	*	
CHATTANOOGA	W4AM	144.79	145.39	*	A
CHATTANOOGA	K4CMY	146.01	146.61	*	
CHATTANOOGA	W4AM	146.19	146.79	*	A
CLARKSVILLE	WD4SGA	147.60	147.00	N	
CLARKSVILLE	AA4TA	147.99	147.39	N	A
CLEVELAND	W4GZX	146.31	146.91	*	A
CLEVELAND	KD4NEB	147.705	147.105	N	PROPOSED
CLEVELAND	WD4DES	147.78	147.18	*	A
COLLEGEDALE	KE4QS	147.60	147.00	*	BP
#COLLIERVILLE	NU5O	144.53	145.13	*	UNCOORD.
COLLINWOOD TN	KM4ME	146.055	146.655	N	
COLUMBIA	WA4ZYX	147.72	147.12	*	AB
COOKEVILLE	NQ4Y	144.51	145.11	N	
COOKEVILLE	WA4UCE	144.83	145.43	N	A
COOKEVILLE	K4HKZ	147.645	147.045	N	C
COOKEVILLE	N4WS	147.81	147.21	*	AER
COVINGTON	WA4KOG	144.85	145.45	N	PR
COVINGTON	WA4VXW	147.93	147.33	N	PLK
CROSSVILLE	AC4AA	146.265	146.865	*	B
CUMBERLAND CITY	WD4DBJ	144.73	145.33	*	
DAYTON	K4PHT	144.65	145.25	*	PROPOSED
DAYTON/RHEA CTY	K4PHT	147.99	147.39	*	B
DECATUR-PONE KB	W4RJC	144.55	145.15	N	
#DICKSON	KN4HL	147.975	147.375	*	UNCOORD.
DOVER	N4VIH	144.81	145.41	N	
DYERSBURG	WB4RCK	146.145	146.745	N	
ERWIN	WB4BRV	144.65	145.25	N	BPT
ERWIN/PINNACLE	N4WXS	144.65	145.25	N	ABER PR
ERWIN/UNICOI CO	WB4BRV	147.765	147.165	*	BP
FAYETTEVILLE	KO4G	146.265	146.865	N	
FAYETTEVILLE	W4NIQ	147.63	147.03	N	BP
FISHERVILLE	N4DRL	144.65	145.25	*	ABEL
FRANKLIN	W4XS	144.55	145.15	N	
FRANKLIN	KK4IY	146.385	146.985	N	
FRUITLAND	NU5O	146.175	146.775	*	BLT107.2
GALLATIN	N4SSB	144.53	145.13	*	T107.2
GALLATIN	WD4BKY	147.84	147.24	*	BLT114.8
GALLATIN	WA4YQC	147.87	147.27	*	BLPT114.8
GERMANTOWN	KA4ATI	147.69	147.09	N	
GRAND JUNCTION	N4DRL	147.63	147.03	*	
GRANDJUNCTION	N4DRL	146.43	147.03	*	
GRAY	WD4SBX	144.51	145.11	*	
GRAY/HOLSTON MT	WD4SBX	147.81	147.21	*	T103.5
GREENBRIER	WQ4E	147.675	147.075	N	B
GREENEVILLE	K4EPC	144.79	145.39	*	
GREENEVILLE	WB4NKM	144.81	145.41	*	
GRNVLE/VIKING MT	KB4UG	147.66	147.06	N	R
GTLBG/COVE MTN.	WA4KJH	146.25	146.85	*	LE
GUTHRIE (TN/KY)	KA4NNE	146.205	146.805	N	
HENDERSON	K4TC	147.705	147.105	*	PE
HENDERSONVILLE	WB4WZK	144.67	145.27	*	PT
HENDERSONVILLE	K4UVH	147.945	147.345	N	
HOHENWALD	KE4KO	144.85	145.45	N	
HUMBOLDT	NQ4Y	144.75	145.35	N	AL
JACKSON	WB7BOX	144.51	145.11	N	AL
JACKSON	KF4SC	144.71	145.31	N	A
JACKSON	W4WKZ	147.81	147.21	N	A
JAMESTOWN	K4NLP	147.69	147.09	*	
JASPER	KD4XX	144.59	145.19	*	A
JOHNSON CITY	WB4SQC	144.69	145.29	*	BP
JOHNSON CITY	W4ABR	146.19	146.79	*	BP
JOHNSON CITY	KE4FH	147.87	147.27	N	A
KNGSPT/BAYS MT	W4TRC	146.37	146.97	*	BP
KNOXVILLE	KN4QB	144.51	145.11	*	
KNOXVILLE	WB4GBI	144.57	145.17	*	
KNOXVILLE	W4BBB	144.61	145.21	*	A
KNOXVILLE	WA4TEM	144.73	145.33	*	ABER
KNOXVILLE	WA4GZE	144.77	145.37	*	
KNOXVILLE	N4IUA	144.83	145.43	N	
KNOXVILLE	WB4GBI	144.87	145.47	*	
KNOXVILLE	WB4GBI	146.025	146.625	*	
KNOXVILLE	WB4GBI	146.34	146.94	*	
KNOXVILLE	KA4AZQ	146.40	147.00	*	BT100.0
KNOXVILLE	WB4GBI	147.675	147.075	*	A
KNOXVILLE	KA4AZQ	147.795	147.195	*	BT100.0
KNOXVILLE	W4BBB	147.90	147.30	*	
KNXVL/ENG MT	WB4IOB	146.13	146.73	*	
LAFAYETTE	KC4ECD	144.71	145.31	*	ET
LAFOLLETTE	KA4OAK	144.53	145.13	N	A
LAFOLLETTE	KA4OAK	147.96	147.36	N	
LAFOLLETTE/WMT	K4BGW	146.07	146.67	*	
LAKE CITY	WB4OAH	146.22	146.82	N	A
LAVERNE	KJ4RA	144.63	145.23	N	
LEBANON	WB4DOR	144.79	145.39	N	
LEBANON	WD4JVV	147.615	147.015	N	
LEXINGTON	WD4MVR	146.43	147.03	N	
MANCHESTER	W4UOT	146.10	146.70	N	A
MARTIN	N4ABU	146.025	146.625	*	A
MAYNARDVILLE	KB4KIE	144.63	145.23	N	E
MCMINNVILLE	WD4MWQ	146.37	146.97	N	P
MCMINVL/SHT MT	WB4LHO	144.89	145.49	N	
MCNAIRY	NU5O	147.675	147.075	*	BLT107.2
MEDINA	WA4RWK	146.37	146.97	N	AB

MORE TENNESSEE REPEATERS

MEM/FISHERVILLE	N4DRL	144.73	145.33	*	ABL
MEMPHIS	K0JXI	144.55	145.15	N	
MEMPHIS	KA0BRN	144.57	145.17	N	ALT
MEMPHIS	WA4KOG	144.89	145.49	N	
#MEMPHIS	WB4KQQ	146.04	146.64	N	UNCOORD.
MEMPHIS	N4DON	146.13	146.73	*	P
MEMPHIS	WA4HBY	146.19	147.51	N	NB
MEMPHIS	W4BS	146.22	146.82	*	P
MEMPHIS	WA4KOG	146.25	146.85	N	A
MEMPHIS	WA4ETE	146.28	146.88	*	AL
MEMPHIS	N4BSM	146.34	146.94	N	A
MEMPHIS	W4ZJM	146.40	147.00	*	BLT*#
MEMPHIS	WA4MQQ	147.66	147.06	N	
MEMPHIS	KA4GMV	147.72	147.12	N	AT
MEMPHIS	WA4KOG	147.78	147.18	N	
MEMPHIS	WA4ADT	147.90	147.30	*	PL
MEMPHIS	W4BS	147.96	147.36	N	PR
MORGAN COUNTY	WD4ORB	147.93	147.33	*	
MORRISTOWN	KD4LP	144.85	145.45	*	B
MORRISTOWN	KD4LP	147.63	147.03	*	E
MORRISTOWN	WB4OAH	147.825	147.225	N	A
MOUNTAIN CITY	WD4OMO	144.87	145.47	N	
MURFREESBORO	WB4LHO	144.57	145.17	N	
NASHVILLE	N4ARK	144.61	145.21	*	BLR
NASHVILLE	N4ARK	144.61	52.525	*	BLR
NASHVILLE	N4ARK	144.87	145.47	*	BP
NASHVILLE	WA4PCD	146.01	146.61	N	P
NASHVILLE	W4PQP	146.16	146.76	N	
NASHVILLE	W4SQE	146.19	146.79	*	
NASHVILLE	N4TK	146.25	146.85	*	PT114.8
NASHVILLE	WA4TOA	146.28	146.88	*	PT114.8
NASHVILLE	WA4PCD	146.34	146.94	N	
NASHVILLE	K4AYN	147.645	147.045	N	
NASHVILLE	WA4PCD	147.75	147.15	N	
NASHVILLE	K4ZGA	147.78	147.18	*	ABT
NASHVILLE	WA4BZU	147.855	147.255	N	TP
NASHVILLE	WB4ZSA	147.90	147.30	N	P
NASHVILLE	WB4NTM	147.96	147.36	*	ATL
NASHVILLE W	WB4NTM	146.04	146.64	*	AT
NASHVILLE W	WB4NTM	146.07	146.67	*	ATL
NASHVLE/FAIRVIEW	N4ARK	144.51	145.11	*	B
NOLENSVILLE	WD4JYD	144.75	145.35	N	
OAK RIDGE	W4SKH	146.28	146.88	*	
OAK RIDGE	W4SKH	146.37	146.97	*	A
OAK RIDGE	K4EAJ	147.72	147.12	*	
OAK RIDGE	K4EAJ	147.75	147.15	*	LT
OAKFIELD	WA4BJY	147.99	147.39	N	PRT
OLIVER SPRINGS	AA4UP	146.145	146.745	*	
PARIS	K4KLX	147.96	147.36	N	A
PETROS/FRZ HD MT.	KJ4SI	147.855	147.255	*	BEP
PIKEVILLE	K4PUX	147.885	147.285	*	
PINSON	WB0TMC	147.87	147.27	N	C
POCAHONTAS	WB4MMI	144.65	145.25	N	
PULASKI/MUSIC MT.	WB4OYG	146.175	146.775	*	E
PURYEAR	WA4CEX	147.765	147.165	N	
RAMER	WB4MMI	146.10	146.70	N	
RIDGETOP	WD4FFM	144.69	145.29	N	
#ROCKWOOD/MT	ROOKA4QYI	146.04	146.64	*	UNCOORD.
ROCKWOOD/MT	ROOSAA4KS	147.615	147.015	*	ABER
ROGERSVILLE	KD4HZN	147.915	147.315	N	AB
SALTILLO	KB4JUB	146.115	146.715	N	
SAVANNAH	WB4DQU	146.31	146.91	N	
SEV/SHIELDS MT.	N4CJX	144.67	145.27	N	
#SHELBYVILLE	KC4KRM	144.53	145.13	*	UNCOORD.
#SHELBYVILLE	W4QEB	147.66	147.06	N	UNCOORD.
SHOP SPRINGS	N4IDG	147.705	147.105	*	ELPT100
SHORT MTN.	W4YXA	146.31	146.91	N	
SMITHVILLE	KI4OG	144.77	145.37	N	ALT
SPRING HILL	NW4E	144.85	145.45	N	A
SULPHUR SPRINGS	WD4OBW	146.325	146.925	*	CL
TRENTON	KN4KP	146.265	145.865	N	AENB
UNION CITY	WA4YGM	146.10	146.70	*	A
UNION CITY	WA4YGM	147.615	147.015	*	OAR
WALLAND	KB4PIO	146.085	146.685	N	BP
WATERTOWN	KE4WA	146.13	146.73	N	T100
WATERTOWN	N4IDG	146.235	146.835	*	LP
WINCHESTER	W4SFF	146.22	146.82	N	A

220 MHZ

BLOUNTVILLE	WA4KMG	222.60	224.20	N	B
BROWNSVILLE	KB4YTU	222.60	224.20	N	PL
CHATT/SIGNAL MT.	WA4ZOK	223.30	224.90	N	
CHATTANOOGA	K4VCM	223.18	224.78	*	
CLARKSVILLE	KF4GP	222.34	223.94	N	
CLEVELAND	KK4US	222.72	224.32	N	AB
CLINCH MTN	KC4RGQ	223.04	224.64	*	ABL
COLLIERVILLE	KB4YGI	222.80	224.40	N	PL
COLUMBIA	KE4KO	223.12	224.72	N	
DAYTON	K4PHT	223.24	224.84	*	PR
FISHERVILLE	N4DRL	223.28	224.88	*	AL
FRANKLIN	WD4SGS	222.54	224.14	N	
GALLATIN	WB4ZSA	222.38	223.98	N	
GRAY/HOLSTON MTN	WD4SBX	223.30	224.90	*	
GREENBRIAR	WQ4E	223.20	224.80	N	AB
GREENBRIER	WQ4E	223.16	224.76	N	PR
GREENEVILLE	WB4NKM	223.34	224.94	*	ABR
HERMITAGE	WB4RAB	222.30	223.90	N	
JC/BUFFALO MT.	WA4UCI	223.18	224.78	*	
JONESBOROUGH	WD4OBW	222.92	224.52	*	ALB
KNOXVILLE	N4OQJ	222.78	224.38	*	B
KNOXVILLE	WA4YON	222.86	224.46	N	
KNOXVILLE	W4BBB	222.90	224.50	*	
KNOXVILLE	N4KFI	222.98	224.58	N	B
KNOXVILLE	KD4IBW	223.10	224.70	N	
KNXVL/CROSS MT.	KB4FZK	222.62	224.22	*	BT100
LAFOLLETTE	KA4OAK	222.68	224.28	N	
LAVERGNE	KJ4RA	223.36	224.96	N	
MEM/FISHERVILLE	N4DRL	222.90	224.50	*	AL
MEMPHIS	W4ZJM	222.34	223.94	*	BLT*#
MEMPHIS	W4BS	222.82	224.42	*	L
MEMPHIS	WA4KOG	223.18	224.78	N	
MORRISTOWN	N4RBB	222.80	224.40	N	AB
NASHVILLE	WB4NTM	222.48	224.08	*	
NASHVILLE	WR3S	222.56	224.16	N	ABRL
NASHVILLE	KB4ZOE	222.76	224.36	*	AR
NASHVILLE	KI4OG	222.84	224.44	N	AERT
NASHVILLE	K4ZGA	222.88	224.48	*	
NASHVILLE	WR3S	223.06	224.66	N	ALR
NASHVILLE	N4PYI	223.14	224.74	*	ALRT100.0
NASHVILLE	WA4PCD	223.34	224.94	N	T
SEVIERVILLE	N2FUV	222.84	224.44	N	PT
SHORT MTN.	KE4NP	222.66	224.26	N	LR
SPRINGFIELD	KO4BN	222.62	224.22	N	ABER

440 MHZ

ALAMO	WB4EDS	448.75	443.75	N	L
BARTLETT	WA4DOR	448.70	443.70	N	T
BARTLETT	WA4PAJ	449.25	444.25	N	
BENTON/BEAN MT.	KA3SWI	447.025	442.025	N	ELRP
BENTON/BEAN MT.	K4SIR	449.95	444.95	N	T
BETHPAGE	KC4YCR	447.20	442.20	N	
BLUFF CITY	WB4RAV	449.725	444.725	N	BCO
BRISTOL/HLST MT	K4LSP	449.50	444.50	N	A
BROWNSVILLE	KB4YTU	449.20	444.20	N	PL
BROWNSVILLE	KB4YTU	449.45	444.45	N	CPL
CARTHAGE	N4OTT	448.725	443.725	*	
CHATTANOOGA	WJ9J	447.15	442.15	N	ABELR
CHATTANOOGA	N4JSR	447.325	442.325	N	
CHATTANOOGA	W4AM	449.10	444.10	*	A
CHATTANOOGA	WB4LRD	449.875	444.875	N	
CLARKSVILLE	WA4BZU	449.325	444.325	*	T
CLARKSVILLE	KF4GP	449.95	444.95	N	
CLEVELAND	WD4DES	447.25	442.25	*	
CLEVELAND	KD4NEB	447.45	442.45	N	AB
CLEVELAND	W4GZX	449.275	444.275	*	C AB
COLUMBIA	WA4BGK	449.925	444.925	*	T
COOKEVILLE	N4UBR	447.30	442.30	N	B
COOKEVILLE	NQ4Y	449.55	444.55	N	
CUMBERLAND CITY	WD4DBJ	448.40	443.40	*	PT
DOVER	N4VIH	449.925	444.925	N	
ETHRIDGE	AB4UP	449.075	444.075	*	ARBLT107.2
FAYETTEVILLE	KC4GPM	448.10	443.10	*	O
FISHERVILLE	N4DRL	449.30	444.30	*	ABEL
FRANKLIN	N4ULM	448.85	443.85	N	
FRANKLIN	WA4AKM	449.725	444.725	*	LT
GALLATIN	N4SSB	447.60	442.60	*	BLT107.2
GALLATIN	WD4BKY	449.00	444.00	*	CBLPT107.2
GALLATIN	WD4BKY	449.35	444.35	*	LPT114.8
GALLATIN	WD4KWP	449.45	444.45	N	
GALLATIN	WA4AKM	449.775	444.775	*	NT107.2
GATLBG/COVE MT.	WA4KJH	448.30	443.30	*	L
GORDONSVILLE	N4SSB	447.70	442.70	*	BLO
GRAY/HOLSTON MTN	WD4SBX	447.20	442.20	*	T103.5
GREENBRIER	WQ4E	449.25	444.25	N	
GREENEVILLE	WB4NKM	449.65	444.65	*	T100.0
GRNVLE/VIKING MTN	KB4UG	448.20	443.20	N	C
HENDERSON	K4TC	449.75	444.75	*	P
HENDERSONVILLE	N4SSB	447.50	442.50	*	BLT107.2
JACKSON	WB4EPG	447.80	442.80	N	A
JACKSON	WB7BOX	449.875	444.875	N	PERLT
JAMESTOWN	KC4MJN	448.625	443.625	N	
JASPER	KD4XV	447.05	442.05	*	O
JOHNSON CITY	KE4FH	449.10	444.10	N	PROPOSED
JOHNSON CITY/HMV	WB4SQC	448.425	443.425	*	
KNOXVILL/ENG MTN	WB4HAP	449.60	444.60	*	
KNOXVILLE	WA4NTZ	447.50	442.50	N	
#KNOXVILLE	N4UAG	448.025	443.025	*	UNCOORD.
KNOXVILLE	KD4IBW	448.675	443.675	N	
KNOXVILLE	KC4NNN	449.175	444.175	N	A
KNOXVILLE	WB4GBI	449.30	444.30	*	
KNOXVILLE	KC4NNN	449.425	444.425	N	B
KNOXVILLE	KB4KSL	449.50	444.50	*	AO
KNXVL/CROSS MTN	N4UAG	448.075	443.075	*	BT
LAFAYETTE	KC4ECD	449.125	444.125	*	RT
LAWRENCEBURG	AB4UP	447.675	442.675	*	
LEBANON	WA4AXH	449.275	444.275	*	T
LONE MOUNTAIN	KN4VY	447.075	442.075	N	ELP
MARYVILLE	KC4PDQ	449.075	444.075	*	A
#MCMINNVILLE/HF.	WD4MWQ	449.65	444.65	N	UNCOORD.
MCNAIRY	NU5O	449.55	444.55	*	CLOSED
MEDINA	WA4BJY	447.05	442.05	N	AL
MEMPHIS	W4EM	434.00	421.25	*	V
MEMPHIS	WB4EPG	447.625	442.625	N	
MEMPHIS	WF4G	447.825	442.825	N	
MEMPHIS	W4ZJM	448.00	443.00	*	BT*#
MEMPHIS	KA4JXT	448.10	443.10	N	T107.2
MEMPHIS	W4BS	448.20	443.20	*	
MEMPHIS	WA4QWW	448.40	443.40	N	A
MEMPHIS	WA4KOG	448.80	443.00	N	NB
MEMPHIS	KA5RYF	448.95	443.95	N	
MEMPHIS	KA0BRN	448.975	443.975	N	ALT
MEMPHIS	WA4ETE	449.00	444.00	*	T
MEMPHIS	K4RDK	449.025	444.025	N	
MEMPHIS	KA4JXT	449.10	444.10	N	RP
MEMPHIS	WA4KOG	449.40	444.40	N	
MEMPHIS	K0JXI	449.60	444.60	N	
MEMPHIS	K0JXI	449.80	444.80	N	
MEMPHIS	WB4NNE	449.95	444.95	N	O
MEMPHIS/ADAMS	MKK5FC	449.825	444.825	*	
MILAN	WD4ABJ	447.10	442.10	N	
MORRISTOWN	KA4NEX	449.20	444.20	N	
MORRISTOWN	KD4LP	449.80	444.80	*	AB
MORRISTOWN	KD4LP	449.975	444.975	*	CLOSED
MT JULIET	WB4PUB	448.05	443.05	N	P
MULLOY	KD4BNW	447.90	442.90	N	BT
NASHVILLE	KJ4ZQ	439.25	421.25	N	V
NASHVILLE	KI4OG	449.05	444.05	N	ALTR
NASHVILLE	WB4NTM	449.15	444.15	*	ATL
NASHVILLE	N4ARK	449.225	444.225	*	BLPT107.2
NASHVILLE	WA4BZU	449.30	444.30	*	T
NASHVILLE	WA4BGK	449.525	444.525	N	T
NASHVILLE	WA4WCK	449.575	444.575	*	T
NASHVILLE	N4TK	449.625	444.625	*	PT107.2
NASHVILLE	WA4PCD	449.675	444.675	N	
NASHVILLE	WA4AKM	449.875	444.875	*	T107.2
NASHVILLE	WA4AKM	449.975	444.975	*	LRPT107.2
OAK RIDGE	K4EAJ	449.40	444.40	*	L
OAKFIELD	WA4BJY	447.20	442.20	N	PTL
PARIS/GROVE HL	WA4WKS	448.50	443.50	N	
PIGEON FORGE	KD4CLA	449.925	444.925	*	P
PULASKI	KB4TPI	439.250	421.250	N	V
PULASKI	KB4TPI	447.150	442.150	N	
RAMER	WB4MMI	449.90	444.90	N	
ROCKWOOD	KA4WJS	448.975	443.975	N	
SEVIERVILLE	KD4CWB	448.50	443.50	N	ABT
SEVIERVILLE	KD4CWB	449.00	444.00	N	
SEYMOUR	KD4CWB	448.80	443.80	N	
SHELBYVILLE	KC4KRM	448.825	443.825	*	
SHORT MTN.	N4OYS	449.65	444.65	N	
SMITHVILLE	N4PYI	449.525	444.525	*	CT107.2
SMITHVILLE	N4PYI	449.825	444.825	*	T
SMRYNA	KJ4RA	448.975	443.975	N	
SODDY DAISY	WJ9J	449.45	444.45	N	BELRP
WATERTOWN	KE4WA	449.40	444.40	N	BET107.2
WATERTOWN	N4IDG	449.90	444.90	*	P

920 MHZ

MORRISTOWN	KD4LP	908.80	920.80	*	BP
NASHVILLE	K4ZGA	910.25	923.25	*	LV

1270 MHZ

MEMPHIS	N4MW	1272.00	1292.00	*	B
NASHVILLE	W4WXJ	1272.40	1284.40	N	
NASHVILLE	KB4ZOE	1274.50	1286.50	*	AL
NASHVILLE	KD4EEW	1277.25	439.25	N	VL

BEACONS

GREENEVILLE	WB4NKM	222.058	BEACON	* BEACON
MEMPHIS	N4MW	28.25	BEACON	*
MEMPHIS	N4MW	50.078	BEACON	*
MEMPHIS	N4MW	144.28	BEACON	*
MEMPHIS	N4ZRW	144.297	BEACON	*
MEMPHIS	N4MW	222.055	BEACON	*
MEMPHIS	N4MW	432.395	BEACON	*
MEMPHIS	N4MW	902.28	BEACON	*
MEMPHIS	N4MW	296.28	BEACON	* C
MEMPHIS	N4MW	304.215	BEACON	*
MEMPHIS	N4MW	456.04	BEACON	*

VIRGINIA REPEATERS

(Listing updates for some repeaters courtesy of T-MARC)

10 METERS

NEWPORT NEWS	WB4CTF	29.60	29.60	*	R
ONEIDA PK/BLFLD	WZ8E	29.58	29.68	*	RL
ROANOKE/POOR MTW	B8BON	29.54	29.64	*	CL
STERLING	KD4DN	29.58	29.68	M	MT

6 METERS

ALEXANDRIA	WA4CCF	52.13	53.13	M	ML
AMELIA COURTHSE.	KB4YKV	52.11	53.11	N	P
ARLINGTON	KI4MB	52.05	224.06	M	MCL
BEDFORD/THAX MT.	WB4DBB	52.15	53.15	*	
CENTERVILLE	KA4DCS	52.58	52.48	M	M
DANVILLE(DCC)	AA4QT	52.13	53.13	*	
FANCY GAP	WD4ICX	52.29	53.29	*	T107.2
GATE CITY	N4WWB	52.21	53.21	N	ABL
GUM SPRINGS	KB4MIC	52.07	53.07	*	
HERNDON	WD4KHP	52.62	52.82	M	TM
LEXNGTN/ROCK MT.	KI4ZR	52.01	53.01	*	L
RICHMOND	WB4FAX	52.43	53.43	N	
ROANOKE	WB4DBB	52.25	53.25	*	L
ROANOKE/POOR MTW	B8BON	52.09	53.09	*	CL

2 METERS

ABINGDN/BRMLY MT	K4LSP	146.01	146.61	N	L
ABINGDON	NM4L	147.945	147.345	*	ABL
ACCOMAC	WA4TVS	147.855	147.255	*	EB
ALEXANDRIA	WB4MJF	144.55	145.15	M	M
ALEXANDRIA	WD4PDP	146.055	146.655	M	MP
ALEXANDRIA	W4HFH	147.915	147.315	M	ML
ALTAVISTA	WA4ISI	146.055	146.655	*	BELP
ALTON	WD4LBM	146.46	147.06	*	P
AMELIA COURTHSE.	KB4YKV	147.78	147.18	N	P
ARLINGTON	N4EFJ	144.87	145.47	M	M
BARREN SPRINGS	K4HZS	146.07	146.67	N	
BEAVERDAM	N4CZJ	144.65	145.25	N	BP
BEDFD-APL ORCH	WA1ZMS	144.81	145.41	*	BT100.0
BEDFD/APL ORCH	WB4DBB	144.63	145.23	*	
BEDFORD	WB4JBJ	147.705	147.105	*	PL
BLACKSBURG	AB9I	146.115	146.715	N	
BLAND	N4AZJ	144.75	145.35	*	RP
BLUEFIELD	W8MOP	144.89	145.49	*	BEP
BLUEMONT	WA4TSC	147.90	147.30	M	M
BRISTOL	WD4CYZ	146.28	146.88	N	
CHARLOTTESVILLE	WA4TFZ	146.16	146.76	*	
CHARLOTTESVILLE	N4RAG	146.295	146.895	*	B
CHARLOTTESVILLE	WA4TFZ	146.325	146.925	*	
CHASE CITY	W4AXH	146.31	146.91	*	
CHESAPEAKE	K4NDH	144.69	145.29	N	E
CHESAPEAKE	N4GSP	146.01	146.61	*	ABE
CHESAPEAKE	N4SD	146.19	146.79	*	AE
CHESAPEAKE	KL7SR	147.705	147.105	N	C
CHESTERFIELD	KA4CBB	147.96	147.36	*	BEP
CLARKSVILLE	N4ZCM	144.87	145.47	*	CP
COLLINSVILLE	KN4DE	147.72	147.12	N	BLT103.5
COVINGTON	WA4HTI	146.205	146.805	*	L
CULPEPER	AA4VI	147.72	147.12	M	M
DANTE	WD4CYZ	147.855	147.255	N	O
DANVILLE(DCC)	AA4QT	146.325	146.925	*	AET103.5
DANVILLE/WHT OAK	KM4AU	146.10	146.70	*	BERP
ELK CRK/IRON MTN	N4KZL	147.84	147.24	N	PROPOSED
ENON	WA4ECM	147.66	147.06	*	BP
FAIRFAX	W4LBL	146.19	146.79	M	MP
FALLS CHURCH	W4AQD	144.75	145.35	M	MT
FARMVILLE	WA4QQI	144.73	145.33	*	
FINCASTLE	W4WIC	146.04	146.64	*	A
FOREST	KA7UKJ	144.77	145.37	*	L
FOREST	W8CXD	147.765	147.165	*	L
FRANKLIN	K4SPS	147.90	147.30	*	PE
FREDRICKSBURG	WB4LNT	147.615	147.015	M	M
GALAX/BRIRP MT	N4VL	147.69	147.09	*	A
GALAX/LKOUT MT	N4VL	144.53	145.13	*	R
GATE CITY	N4WWB	146.22	146.82	N	
GLADYS	N4UTN	147.945	147.345	*	BLT
GLOUCESTER	KC4TOG	144.77	145.37	*	PE
GREENBAY	K4ARO	144.55	145.15	N	
GRUNDY	K4HWQ	147.915	147.315	N	A
GRUNDY/BIG A MT.	KK4EH	146.235	146.835	N	
GUM SPRING	WB4IKL	147.87	147.27	*	
HAMPTON	K4DHO	146.13	146.73	*	PE
HAMPTON	K4UMI	146.34	146.94	N	T
HAMPTON	KA4VXR	147.825	147.225	N	A
HARRISONBURG	N4YET	144.53	145.13	M	M
HARRISONBURG	N4RAG	147.825	147.225	*	AMT-131.8
HARRISONBURG	N4YET	147.915	147.315	M	MA
HERNDON	N4FXP	144.71	145.31	M	MP
JEWELL RIDGE	WB4QJZ	147.75	147.15	N	
KILMARNOCK	W2MS	144.61	145.21	*	A
LEXINGTON	KI4ZR	147.90	147.30	*	AB
LEXNGTN/ROCK MT.	KI4ZR	147.93	147.33	*	
LORTON	N4JOQ	144.57	145.17	M	MC
LORTON	KE4ZN	144.57	145.17	M	MT
LUNENBURG CT.HSE	AA4OG	147.84	147.24	*	
LYNCHBURG	W4WWQ	146.01	146.61	*	
LYNCHBURG	AB4M	146.415	147.015	N	P
LYNCHBURG	WA4RTS	147.795	147.195	*	
LYNCHBURG	KB4ILD	147.975	147.375	N	P
MADISON	N4AJO	147.99	147.39	M	M
MANASSAS	WA4FPM	146.37	146.97	M	MBLPE
MARION	KC4SKE	144.67	145.27	N	T103.5
MARION	N4QLF	146.04	146.64	N	A
MCLEAN	WD4IWG	147.81	147.21	M	MBP
MOUNTAIN LAKE	WZ8E	147.465	146.865	*	PL
MT.LAKE/BALD KNB	K4TUE	146.31	146.91	*	O
NEW MARKET	K4AVW	146.025	146.625	M	MB
NEWPORT NEWS	W4MT	144.63	145.23	*	B
NEWPORT NEWS	WA4OHX	144.89	145.49	*	ABET"6"
NEWPORT NEWS	WB4CTF	147.765	147.165	*	PLR
NORFOLK	WA4ZUA	144.57	145.17	N	PER
NORFOLK	NS3F	144.73	145.33	*	
NORFOLK	NE4D	146.10	146.70	N	E
NORFOLK	KA4HBU	147.675	147.075	N	
NORTON/HIGH KNOB	K4AXO	146.415	147.015	N	LP
OILVILLE	N4TZE	147.69	147.09	N	C
ONEIDA PEAK/BLF	WZ8E	146.355	146.955	*	PL
PEARISBURG	N4AZJ	147.735	147.135	*	P
PENNINGTON GAP.	N4LQC	146.10	146.70	N	
PETERSBURG	K4ARO	147.99	147.39	N	
PKS KB/PULASKI	WB3S	147.78	147.18	*	BP
PORTSMOUTH	W4POX	146.25	146.85	*	AE
RICHMOND	K4YPE	144.51	145.11	*	A
RICHMOND	WB4FAX	144.59	145.19	N	
RICHMOND	W4SQT	144.83	145.43	N	P
RICHMOND	WB4QEY	146.04	146.64	*	P
RICHMOND	WA4ZBE	146.28	146.88	*	P
RICHMOND	W4ZA	146.34	146.94	*	
RICHMOND	WA4JST	146.43	147.03	N	
RICHMOND	N4HB	147.735	147.135	*	T
RIDGEWAY	KD4QWD	147.885	147.285	*	BPT107.2
ROANOKE	N4AP	146.34	146.94	N	A
ROANOKE/POOR MT	KC4DY	146.145	146.745	*	BEP
ROANOKE/POOR MTW	4CA	146.385	146.985	*	BELP
ROANOKE/POOR MT.	WB4QOJ	144.61	145.21	N	YVKL
ROANOKE/POOR MTN	K4ARO	144.79	145.39	N	LT107.2
ROANOKE/POOR MTN	KB4QWO	147.87	147.27	N	BCLP
RUSTBURG/LONG MTN	4UTN	146.235	146.835	*	BP
SALEM	W4PDL	146.28	146.88	N	
SALUDA	AA4HQ	144.85	145.45	*	ABE
SMITHFIELD	N3ELM	147.795	147.195	*	BLPT100.0
STAFFORD	NM7J	144.67	145.27	M	MP
STAUNTON	W4XD	146.10	146.70	*	
STAUNTON	WA4ZBP	146.25	146.85	*	RY
STAUNTON	W4WRN	146.37	146.97	N	E
STAUNTON/EL. KB	WD4FOZ	147.645	147.045	*	T131.8
STERLING	WA4TXE	146.115	146.715	M	MBP
STUARTS DRAFT	KB4OLM	147.96	147.36	*	PELP
SUFFOLK	WA4HMT	146.40	147.00	*	PE
TROY	KC4YLX	144.69	145.29	*	BEP
TYSONS CORNER	W4XG	146.31	146.91	M	MP
VIENNA	K4HTA	146.085	146.685	M	MB
VIRGINIA BEACH	WA4KXV	146.295	146.895	*	
VIRGINIA BEACH	WA4KXV	146.37	146.97	*	E
VIRGINIA BEACH	WA4SBC	147.645	147.045	N	
VIRGINIA BEACH	W4NV	147.975	147.375	*	BP
WALKERTON	KA4DZU	146.115	146.715	N	
WARRENTON	NZ4N	147.765	147.165	M	M
WARSAW	KA4ZJP	147.93	147.33	*	E
WAYNESBORO	W4PNT	147.675	147.075	*	BELP
WILLIAMSBURG	K2QIJ	144.81	145.41	*	BPT127.3
WILLIAMSBURG	W4NTG	146.07	146.67	*	ABE
WILLIAMSBURG	KB4ZIN	146.16	146.76	*	ABE
WINCHESTER	N4RAG	144.61	145.21	*	MT131.8
WINCHESTER	W4RKC	146.22	146.82	*	ME
WOODBRIDGE	WB4FQR	147.84	147.24	M	MA
WYTHEVILLE	WB3T	146.175	146.775	*	AEL
WYTHEVILLE/BLAND	WB3T	146.295	146.895	*	BRT103.5
YORKTOWN	WA4ZBF	147.945	147.345	N	

220 MHZ

ALEXANDRIA	WA4CCF	223.22	224.82	M	ML
ARLINGTON	KI4MB	222.46	224.06	M	M
BEDFORD	N4PLV	223.24	224.84	*	B
BLF/ONEIDA PK	KD4ARY	222.96	224.56	*	
BLFD/E.RIVER MTN	N8LGA	223.32	224.92	*	O
CHARLOTTESVILLE	KB4YQC	222.54	224.14	*	BCPT
CHARLOTTESVILLE	WA4TFZ	223.16	224.76	*	
COLLINSVILLE	KN4DE	222.82	224.42	N	
DANVILLE	AA4QT	222.78	224.38	*	
DELTAVILLE	AA4HQ	223.30	224.90	N	AE
FAIRFAX	WB4YHD	222.50	224.10	M	ML
FALLS CHURCH	N4CHP	223.38	224.98	M	MP
GLOUCESTER PT.	N4THN	223.02	224.62	*	BEP
HAMPDEN-SYDNEY	WB4PEA	222.60	224.20	N	O
HAMPTON	WB4PVT	223.26	224.86	N	OABER
LAKE GASTON	WA4HMT	223.00	224.60	*	C
LEESBURG	WA4TXE	222.42	224.02	M	M
LOVETTSVILLE	WB4FUJ	222.86	224.46	M	MC
LYNCHBURG	WA1ZMS	222.58	224.18	*	BLT10(
LYNCHBURG	AB4M	222.68	224.28	N	P
MANASSAS	KB4CVL	222.74	224.34	M	M
MANASSAS	WA4FPM	223.06	224.66	M	MBLPI
MARTINSVILLE	WB4BVI	222.90	224.50	*	P
NORTON/HIGH KNOB	WD4GSM	222.82	224.42	N	B
PETERSBURG	K4ARO	223.10	224.70	N	
RICHMOND	WA4ONG	222.92	224.52	N	K
ROANOKE	WB4DBB	222.50	224.10	*	L
ROANOKE/CHAUS MT	AB4EM	223.34	224.94	*	
SINGERS GLEN	K4SAD	223.22	224.82	M	MC
STAUNTON	N4RAG	223.14	224.74	*	
STERLING	WD4KHP	222.12	223.72	M	M
TYSONS CORNER	WD4KHP	222.82	224.42	M	MT
TYSONS CORNER	WD4KHP	223.12	224.72	M	M
VIENNA	K4HTA	222.34	223.94	M	M
VIRGINIA BEACH	N4WQJ	223.14	224.74	*	
WAYNESBORO	KA4RCL	223.08	224.68	*	T131.8
WOODBRIDGE	WB4GJZ	223.18	224.78	M	M

440 MHZ

ALEXANDRIA	WA9GVK	426.25	911.25	M	MVL
ALEXANDRIA	WA9GVK	426.25	439.25	M	MV
ALEXANDRIA	W4HFH	449.60	444.60	M	M
ALTAVISTA	WA4ISI	449.425	444.425	*	BELP
ARLINGTON	KA4DCS	444.875	449.875	M	M
ARLINGTON	KI4MB	449.15	444.15	M	M
BEDFD/APL ORCH	WB4DBB	449.35	444.35	*	L
BIG "A" MTN	KB4WTP	449.875	444.875	*	
BLUEFIELD	W8MOP	449.45	444.45	*	BR
BLUEFIELD	WZ8E	449.625	444.625	*	PL
BLUEMONT	WA4TSC	444.925	449.925	M	M
CHANTILLY	K4HTA	443.375	448.375	M	MC
CHARLOTTESVILLE	WA4TFZ	449.25	444.25	*	
CHESAPEAKE	K4NDH	448.80	443.80	N	P
CHESAPEAKE	N4EVG	448.90	443.90	N	PE
COLLINSVILLE	KN4DE	449.575	444.575	N	T103.5
COVINGTON	WA4HTI	447.25	442.25	*	O
DANVILLE	KD4OMC	449.40	444.40	*	BR
ENON	WA4ECM	449.20	444.20	*	R
FAIRFAX	WD4KHP	444.775	449.775	M	MCL
FALLS CHURCH	N4EFK	449.30	444.30	M	M
FALLS CHURCH	KB2OA	449.45	444.45	M	ML
FANCY GAP	N4OWU	449.375	444.375	*	T107.2
FANCY GAP	AC4CD	449.90	444.90	N	
FOREST	W8CXD	448.60	443.60	*	O
FOREST	WD4KQI	449.75	444.75	*	A
GASBURG	WA4HMT	447.00	442.00	*	C
GATE CITY	N4WWB	449.70	444.70	N	L
GREAT FALLS	N3AVA	449.05	444.05	M	M
GREENBAY	K4ARO	448.175	443.175	N	
GUM SPRING	KB4MIC	447.80	442.80	*	
HAMPTON	K4UMI	448.65	443.65	N	
HAMPTON	K4OGT	449.55	444.55	*	EPT167.9
INDEPENDNCE HILL.	AA4VA	448.80	443.80	M	M
LEXNGTN/ROCK MT.	KI4ZR	449.15	444.15	*	
LORTON	WD4KHP	444.725	449.725	M	ML
LYNCHBG/JACK MT.	KF4YI	447.40	442.40	N	P
LYNCHBURG	K4HEX	426.25	923.25	*	V
LYNCHBURG	WA1ZMS	447.65	442.65	*	BLT100.0
LYNCHBURG	AB4FU	447.95	442.95	*	PT
LYNCHBURG/TOBR	MTK4HEX	449.50	444.50	*	R
MADISON	N8HON	449.40	444.40	M	MBL
MANASSAS	WD4JCE	444.225	449.225	M	ML
MT. VERNON	WA5ZAI	449.50	444.50	M	M
NORFOLK	WD4MIZ	449.675	444.675	*	B
NORTON/HIGH KNOB	WA4NDQ	449.85	444.85	*	BLRT
OILVILLE	KB4MIC	449.80	444.80	*	P
#ONEIDA PEAK/BLF	WZ8E	448.625	443.625	*	UNCOOI
PEARISBURG	N4AZJ	449.975	444.975	*	T103.5
PETERSBURG	WB4KZI	448.825	443.825	*	
PETERSBURG	K4ARO	449.40	444.40	N	T
PORTSMOUTH	KK4SN	449.00	444.00	*	AE
POWHATAN	KD4ADW	448.10	443.10	N	P
RICHMOND	KC4VDZ	447.30	442.30	N	
RICHMOND	WA4ZBE	447.55	442.55	*	
RICHMOND	N4LFU	448.35	443.35	*	
RICHMOND	K4ARO	449.85	444.85	N	
RICHMOND-ASHLAND	K4ARO	449.65	444.65	*	
ROANOKE	KA4YUY	447.175	442.175	*	
#ROANOKE AIRPORT	KD4EG	448.75	443.75	N	UNCOOR
ROANOKE/POOR MTW	4CA	447.50	442.50	*	BEP
ROANOKE/POOR MT.	N4FHL	426.25	439.25	N	V
ROANOKE/POOR MT.	N4VG	447.70	442.70	*	
ROANOKE/POOR MT.	WB8BON	448.65	443.65	*	C
ROANOKE/TINKER MW	B8BON	449.925	444.925	*	B
SINGERS GLEN	K4SAD	449.60	444.60	M	MC
SMITHFIELD	N3ELM	448.55	443.55	*	BLPT100.(
SOUTH BOSTON	AB4YR	448.925	443.925	*	
SPRINGFIELD	WD4KHP	444.825	449.825	M	MT

MORE VIRGINIA REPEATERS

STAFFORD	KB4OB	448.85	443.85	N	MBP
STAUNTON	WA4ZBP	449.825	444.825	*	
STAUNTON	W4WRN	449.95	444.95	N	
STAUNTON/EL KNOB	WD4FOZ	449.10	444.10	*	T131.8
STERLING	WA4TXE	447.10	442.10	M	MLP
STERLING	WA4TXE	447.20	442.20	M	M
STUART/SPOON MTN	WA4WTB	449.175	444.175	*	RT107.2
STUARTS DRAFT	KB4OLM	449.05	444.05	*	BELP
THE PENTAGON	K4AF	449.55	444.55	N	MT
TYSONS CORNER	KM4FI	448.50	443.50	M	M
TYSONS CORNER	K4JYF	449.75	444.75	M	M
VIENNA	N4KOU	449.85	444.85	N	M
VIRGINIA BEACH	WA4KXV	449.95	444.95	*	E
WAYNESBORO	KA5NOJ	439.25	426.25	*	O
WAYNESBORO	WA4EZA	449.20	444.20	*	BT141.3
WHITETOP MTN	KM4X	448.00	443.00	*	BT103.5
WILLIAMSBURG	W4NTG	448.95	443.95	*	O
WILLIAMSBURG	WB5LFS	449.10	444.10	*	BT
WILLIS	W4DUM	448.875	443.875	N	BT
WINCHESTER	NB3O	444.175	449.175	M	M
WINCHESTER	W3CSG	447.00	442.00	M	M
WOODBRIDGE	KA4DCS	444.875	449.875	M	M
WOODBRIDGE	N4LJZ	448.10	443.10	N	M
WOODBRIDGE	WB4FQR	449.90	444.90	M	M
WOODFORD	WA4SDE	443.975	448.975	M	M
WYTHE/WALKER MTN	WB3T	447.00	442.00	*	ABLRT103.5
WYTHEVILLE/SAND	WB3T	449.325	444.325	*	

920 MHZ

ALEXANDRIA	WA4CCF	907.60	919.60	M	M
FOREST	KB4OSI	909.00	921.00	*	
LYNCHBURG	WA1ZMS	909.10	921.10	*	
ROANOKE	KM4TT	908.90	920.90	*	P

1270 MHZ

ALEXANDRIA	WA4CCF	1270.60	1282.60	M	M
LYNCHBURG	WA1ZMS	1271.10	1291.10	*	BLT100.0
MCLEAN	K6LEW	1272.10	1292.10	N	M
ROANOKE/POOR MTN	WB4DBB	1271.02	1291.02	*	
TYSONS CORNER	WR4S	1272.00	1292.00	M	MB

BEACONS

HIGH KNOB	WD4GSM	144.054	BEACON	N	
HIGH KNOB	WD4GSM	432.075	BEACON	N	

WEST VIRGINIA REPEATERS

(Listing updates for some repeaters courtesy of T-MARC)

10 METERS

BECKLEY/BOLT	KA8OTX	29.52	29.62	*	
BERKELEY SPRINGS	KK3L	29.52	29.62	M	ML
#CHARLESTON	WB8CQV	29.54	29.64	N	UNCOORD.

6 METERS

BOLT/BOLT MT	N8DKL	52.05	53.05	N	
MARMET/CHARLESTONBPEI		52.75	53.75	N	C B
#ST ALBAN/COAL MWD8JKA		52.03	53.63	N	UNCOORD.

2 METERS

AMBER RIDGE	KB8NJH	147.81	147.21	N	B
BARBOURSVILLE	KB8EHJ	146.46	441.00	*	L
BECKLEY/BOLT	N8FRV	144.57	145.17	*	AL
BECKLEY/EOC	KD8VS	144.77	145.37	N	A
BECKLEY/FLAT TOP	WA8WDK	146.25	146.85	N	L
BECKLEY/LAYLAND	WF1G	144.71	145.31	*	AL
BERKELEY SPRINGS	KK3L	144.990	29.620	M	ML
BERKELEY SPRINGS	KK3L	146.145	146.745	M	MB
BLUEFIELD	W8MOP	144.89	145.49	*	BEP
BRIDGEPORT	WB8DKM	147.72	147.12	*	PT
BUCKHANNON	N8FHE	144.53	145.13	*	AL
BUCKHANNON	N8FHE	144.81	145.41	*	A
BUCKHANNON	WD8L	146.25	146.85	N	B
CENTERVILLE	WB8FGM	146.295	146.895	N	C
CHARLES TOWN	N8EIV	146.385	146.985	M	MT-NIGHT
CHARLESTON	WS8L	144.83	145.43	*	P
CHARLESTON	WB8IFS	146.22	146.82	N	AE
CLARKSBURG	KD8TC	146.055	146.655	N	C
CLARKSBURG	N8FMD	146.085	146.685	*	L
CLARKSBURG	N8FMD	147.81	147.21	*	T103.5
#CLARKSBURG	KE8MR	147.915	147.315	N	UNCOORD.
CRAIGSVILLE	N8FMD	144.67	145.27	*	L
ELIZIBETH	N8TWU	147.60	147.00	N	AB
ELKINS	KB8BWZ	146.175	146.775	N	
FAIRMONT	W8SP	144.75	145.35	N	C
FENWICK	KD8AB	146.34	146.94	N	
FLAT TOP/WINTRPL	WF1G	146.025	146.625	*	A
FRANKLIN	W3RUA	147.945	147.345	*	B
GASSAWAY	WB8MZI	146.01	146.61	N	
GLENVILLE	KA8ZXP	144.69	145.29	N	ABELR
GLENVILLE	KB8EUN	146.235	146.835	N	
GRAFTON	WD8LNB	147.975	147.375	*	
GRANTSVILLE	N8LGY	144.85	145.45	*	PE
HARRISVL/PENSBRO	W8BNSL	147.90	147.30	N	
HINTON	KB8EQC	147.855	147.255	*	AB
HORSEPEN MT	NV8H	147.795	147.195	N	PL
HUNTINGTON	WB8FEQ	144.61	145.21	*	BP
HUNTINGTON	W8VA	146.16	146.76	*	PEL
HUNTINGTON/CHAS	WB8EZR	146.04	146.64	*	ER
LEON	WD8OHX	147.78	147.18	N	BP
LEWISBURG	W8BSPW	146.13	146.73	*	P
LEWISBURG	WV8D	147.99	147.39	*	
LIBERTY	W8HYX	144.81	145.41	*	
#LOGAN	WA8ZLR	146.09	147.11	N	UNCOORD.
LOGAN/SUMERCO	NU8K	147.945	147.345	N	PL
LOGAN/WARD RK MTK	JBE	146.37	146.97	N	PL
MARMET	K8HDB	144.55	145.15	N	
MARTINSBURG	WA8FSE	144.55	145.15	M	MB
MARTINSBURG	WB8YZV	147.855	147.255	M	M
MCMECHEN	N8SAQ	146.31	146.91	*	
MORGANTOWN	K8LG	144.83	145.43	N	AL
MORGANTOWN	W8CUL	146.16	146.76	*	BLP
MORGANTOWN	KE8QC	147.675	147.075	*	AELRP
MULLENS/HRNDN MTK	C8IT	147.63	147.03	*	R
NEW MARTINSVILE	KF8LL	146.385	146.985	N	AB
OAK HILL	W8OQC	146.19	146.79	*	E
PARKERSBURG	WV8G	144.89	145.49	*	AB
PARKERSBURG	WA8LLM	147.855	147.255	*	AB
PARKERSBURG	WA8CRW	147.99	147.39	*	B
PARKERSBURG (OH)	WA8CRW	146.37	146.97	N	A (OHIO)
PARSONS	KE8QC	144.73	145.33	*	BELRPT
PARSONS	K8VNQ	144.77	145.37	N	T107.2
PRINCETON	KA8PNC	146.46	147.06	*	P
PRINCETON	WB8NRK	147.825	147.225	*	
PRINCETON/PIPEST	WD8OGY	146.325	146.925	N	A
RAVENSWOOD	WD8JNU	146.07	146.67	*	P
RAVENSWOOD	WD8JNU	146.10	146.70	*	R
RICHWOOD	WB8YJJ	144.59	145.19	*	BT
RICHWOOD	W8FG	144.87	145.47	N	
SALT ROCK	WD8MCR	144.51	145.11	N	
SCOTT DEPOT	WC8S	147.87	147.27	*	PEL
SHERRARD	KD8GL	146.115	146.715	*	EPL
SO. CHARLESTON	WB8CQV	146.28	146.88	N	L
SPENCER	WT8Z	147.705	147.105	N	
SPRUCE KNOB	N8HON	147.885	147.285	*	L
ST ALBANS	K8WMX	146.40	147.00	*	B
ST ALBANS	KA8SVR	147.75	147.15	N	BELRP
ST ALBANS	K8WMX	147.975	147.375	*	Y
ST MARYS/BENS R	WB8ECC	147.63	147.03	N	L
TERRA ALTA	KD8ZR	147.60	147.00	*	AE
UNION	KB8CM	146.085	146.685	N	PR C
UPPER TRACT	KB8BUC	146.055	146.655	*	B
WEIRTON	W8CWO	146.34	146.94	N	ABEP
WELCH	WB8SXZ	144.85	145.45	N	
WESTON	WD8EOM	144.79	145.39	N	P
WESTON	WC8K	147.765	147.165	N	BR
WHEELING	WB8JGY	144.59	145.19	N	PL
WHEELING	W8ZQ	146.16	146.76	*	B
WILLIAMSON	WR8M	144.73	145.33	*	AR

220 MHZ

CHARLESTON	WB8YST	222.76	224.36	*	BRPT
FLAT TOP/WINTRPL	WF1G	222.52	224.12	*	A
#LEON	WD8OHX	222.18	223.78	N	UNCOORD.
#WILLIAMSON	WR8M	222.54	224.14	*	UNCOORD.

440 MHZ

ALDERSON	WF1G	449.40	444.40	*	
AUDRA PARK	WD8DEP	449.90	444.40	N	
BECKLEY/BOLT	AA8BS	447.30	442.30	*	RB
BECKLEY/KINGSTON	WF1G	449.80	444.80	*	R
BLUEFIELD	W8MOP	449.45	444.45	*	BR
BUCKHANNON	N8FHE	448.10	443.10	*	L
BUCKHANNON	WV8Y	449.50	444.50	N	BR
CHARLESTON	KB4BNW	449.75	444.75	N	
CLARKSBURG	N8FMD	449.175	444.175	*	T103.5
GLENVILLE	KA8ZXP	449.325	444.325	N	
#HUNTINGTON	W8VA	447.60	442.60	*	UNCOORD.
HUNTINGTON	WB8EZR	448.00	443.00	*	
KEENY MTN	KF8FO	449.725	444.725	*	
MORGANTOWN	K8LG	449.70	444.70	N	L
MORGANTOWN	W8CUL	449.80	444.80	*	BLP
MULLENS/HRNDN MTK	C8IT	449.00	444.00	*	LR
PARKERSBURG	WV8G	449.775	444.775	*	BC
SO. CHARLESTON	WB8CQV	449.95	444.95	N	RL
ST. ALBANS	K8MHR	448.15	443.15	*	BELP
WESTON	N8FIP	448.975	443.975	N	BR
WESTON	WC8K	449.60	444.60	N	C

SERA Full Repeater Membership Short Form Application

Please fill out the Full Member Application. Maximum number of letters for your repeater Name is 14 characters. Be sure to list 2 persons as representatives. ONLY these two will be SERA reps and receive the Repeater Journal. MAIL YOUR CHECK AND APPLICATION TO: SERA MEMBERSHIP, P.O. BOX 215, TOBACCOVILLE, N.C. 27050. FEE FOR 1994 IS $20.00

CITY/MTN. ETC. (MAX 14 CHAR) RPTR CALLSIGN INPUT FREQ. OUTPUT FREQ.

REP. #1 _____ _____ _____ _____

REP. #2 _____ _____ _____ _____

USE AS MANY LINES ABOVE AS YOU HAVE REPEATERS. IF MORE SPACE NEEDED, USE SEPARATE SHEET OF PAPER.
Name Two Persons Who Will Represent SERA as Full Members. Each Will Receive the Repeater Journal

NAME_____CALL_____ NAME_____CALL_____

ADDRESS_____ ADDRESS_____

CITY_____STATE_____ZIP_____ CITY_____STATE_____ZIP_____

FULL MEMBERSHIP: ( ) NEW ( ) RENEWAL - FEE IS ENCLOSED- AMOUNT : $_____

REPEATER IS SPONSORED BY: (Name of Club or owner)_____

REPEATER TRUSTEE'S NAME: _____CALL _____

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Chronology of Club Callsign

(Continued from Page 1)

equaling 1% of the amateurs licensed by the FCC, we were clearly the only amateur radio repeater coordinator that could even come close to qualifying. We already held the 501(c)(3) exemption from federal income tax that was required, dated in 1982. The other qualifications were more in the order of the manner in which we would be required to agree to perform the task at hand. Our board of directors, knowing full well I had the checkbook, gave me instructions consisting of a single word

PROCEED!

Just knowing that the "big boys" were going to have couriers standing at the door when the FCC opened for business on Monday, July 26, I asked by telephone if they would accept a filing by facsimile. The reply was that they would providing they received a copy containing the required original signature that same business day. On Friday, July 23, 1993, I delivered a copy of SERA's request, on our letterhead, containing the required original signature to Federal Express addressed to the FCC for delivery the next business morning. So much for the original copy. At one minute past midnight Sunday night - showing on both the transmitting AND receiving fax machines at 07 26 00 01, SERA's official request was delivered. Who's on second?

I wasn't wrong about the courier. It was NARA's. I'll guess the conversation included recognition that NARA was first. In any event, the FCC recorded NARA as first [6:58 am], SERA as second [7:19 am], followed by QCWA [7:34 am], ARRL [7:46 am] and W5YI-VEC, Inc [8:52 am].

NARA had requested the "NA" block as first choice, the "NB" block as second choice, and proceeded sequentially through the alphabet. SERA had requested the "NR" block as first choice, and, as we had to have something to issue to those other than coordinated repeater operators who might apply [one qualification was we must agree to issue a call sign to all qualified applicants, and a coordinated repeater was OUR qualification, not the FCC's] we also asked for the "NX" Block.

Our requests were therefore #18 and #24 respectively on NARA's list. NARA's request could be satisfied to their total satisfaction without disturbing the availability of the assignment SERA had requested. What's to argue about?

On August 5, 1993, the American Radio Relay League, Inc. filed a document they entitled *"Opposition of the American Radio Relay League, Inc., to Requests for Designati of Certain Entities as Club and Military Recreation Station Call Sgin Administrators"* in which they pointed out disqualifying characteristics of ALL others who had made such a request.

The 24 page document went into imagined detail of explanations against each of the other organizations, and insisted only one administrator **should or in fact even could** function. This had been THEIR project from the very start and they absolutely would not tolerate any interference from any source, particularly "lesser qualified organizations." ???? **THEY'RE** a volunteer organization???? - see Pgh. 1 of the document as quoted above! Someone really should appreciate our lack of a vindicative attitude!

As to their objection to SERA, they alleged us to be without the required membership, analyzing the financial statements as are published in the Repeater Journal as their basis. First off, those financial statements, like most non-profit organizations of its size, are prepared on a cash basis, making no attempt to reflect as income the dues revenue as it is earned, but showing it as income as received. The lack of any reflection of "Income collected - not earned" or "Income earned - not collected" would alert any qualified reader of such a financial statement to the use of cash basis. Much of the money received and deposited in the fall is in reality full membership dues applicable to the following calendar year, as all full memberships run on a calendar year basis. Page two of any Journal clearly shows TWO full members per dues-paying repeater, each eligible to vote and hold office. Associate memberships expire on the anniversary of the collection and scattered through the year.

I am Treasurer of SERA, creator of many and access to all their financial records, and as personal qualifications I offer Tennessee's designation #2623 as a Certified Public Accountant supported by more than 30 years of experience in the profession. I can't reasonably estimate the membership of SERA using the published figures, yet they cited their calculations as factual conclusions.

The League's conjecture provided for one full member per member repeater and apparently assumed associate membership was on a calendar year. Other items, to which they probably had no access, cause me to stand firmly on the statement I made in the letter by which SERA requested designation in the first place, that being that SERA does in fact have a membership equal to 1% of the amateurs licensed by the FCC. I was prepared to demonstrate the fact beyond doubt should the FCC ask for support of the statement.

The initial temptation was to include a printout of those members, however, any filing with the FCC is available for public inspection, and our membership list, more than half of which ARE NOT League members, has never been released outside the organization. That idea quickly lost its appeal.

The entirety of the allegations were so ridiculous that Jay Mabey, NU0X Editor of the League's Repeater Directory telephoned both Dave Shiplett AC4MU, President of SERA and myself indeed apologizing for the League's arrogance.

Not satisfied with the criticism of SERA the League had offered, under date of August 12, 1993, in letter form, a "supplement" to their original objection to SERA was hand delivered to the Chief, Private Radio Bureau, taking issue with our interpretation of Pgh. 97.5(d)(2) as published in the August edition of the Repeater Journal.

Their interpretation was that a club, as defined in the Commission's rules should not be formed for the purpose of obtaining a club call sign. If that is THEIR interpretation of the cited paragraph, they are welcome to it, but I certainly don't share it, and I don't think the FCC does either.

On August 16, 1993, NARA filed comments defending its qualifications and included a motion to strike the ARRL's document as being untimely and unauthorized by the Commission's rules.

W5YI-VEC, Inc. filed a similar document August 18, 1993

I thought the inappropriateness of the League's interruption to the Commission's process was obvious enough that I did not dignify the allegations with a response. This same treatment was afforded the situation by the QCWA.

On August 14, 1993, speaking to the FCC forum at the Huntsville, Alabama hamfest and ARRL National Convention, Ralph Haller, Chief, Personal Radio Bureau said he expected the Call Sign Administrator program to be a "stopgap procedure" lasting possibly 18 months or so until the FCC could get their newly-authorized activities of issuing preferred "vanity" call signs for a fee operational. That statement caught me completely by surprise to the point I wrote Mr. Haller the following day asking the impression he intended that comment to leave with those in the audience.

On September 16, I received a phone call from Mr. John B. Johnston, Chief, Personal Radio Branch, FCC [an FCC branch is part of an FCC division which, in turn is part of an FCC Bureau] to the affect that changes in conditions because of the "Vanity Call Sign" program could in fact cause the Call Sign Administrator program to be folded into the "Vanity" call sign program as it was anticipated would be operated by the FCC themselves.

Mr. Johnston further asked if SERA was still interested in becoming a Call Sign Administrator within the newly defined atmosphere, with an answer requested on or before September 24.

On September 21, pursuant to authority of the Executive Committee, I withdrew SERA from consideration as a Club and Military Recreation Station Call Sign Administrator.

On September 22, the W5YI-VEC, Inc., through its attorney, hand delivered a letter to Mr. Johnston in essence agreeing to placing the entire program on hold until such time as the Commission's final action in regards to the "vanity" call signs is in place. That will most likely cause the volunteer efforts of the Call Sign Administrators to never materialize.

It was a nice thought!

Had no opposition been filed, I believe SERA would be issuing call signs today, and can cite several people with universally respected opinions that agree. I really don't have any regrets about the way we went about it. I see no reason to apologize to anyone for the manner in which SERA's actions were handled and believe we remain the role model of Amateur Radio Repeater Coordinators in the nation.

The latest word on the street is that the both procedures, Club And Military Recreation Station Call Sign Administrator and the Vanity Call signs just may well be the object of one or more Notice of Proposed Rulemaking. That is essence says to start the whole process all over again.

If this program should be restructured in a format that appealed to the gang, who knows, SERA just could be back in contention. But then again, we can all dream, can't we????

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WEST VIRGINIA NOTES

-by Ted Wolfe, WD4KHL
Send News To: P.O. Box 133, Cabin Creek, WV 25035

I got pretty good mileage out of the amateur ATV balloon launch story. First I wrote it up for the TSRAC Amateur Radio News Letter of the Wheeling, WV, club. Then, changing the emphasis, I wrote it for this audience in the SERA Journal. Then I rewrote it a third time and submitted it to WORLDRADIO, and they used it in their October issue.

Incidentally, the picnic mentioned in the original story did come off on Sunday, Aug 15 at the Boy Scouts' Camp Arrowhead near Barboursville. There were about 50 present (hams and their families). The recovered balloon payload was on display, and the completed videotape of the launch and recovery, including footage from the balloon cameras, was on display with copies for sale to those interested.

The latest launch was to on Saturday October 23. I received no information on the payload for the October launch, nor telemetry frequencies, or the pair for the on-board repeater. Anything about the October launch won't make it into this issue but will have to wait until February.

* * * * *

The Aug. 7 Huntington hamfest, was a disappointment to me but I was told that several dealers backed out at the last minute. The next day there was a hamfest in the Parkersburg area, held at Mineral Wells, and I have been told it was a good one.

The fall St. Albans swap fest at the city's roadside park along the Kanawha River was well attended on Sunday, Sep 12. When I arrived shortly after eleven there were three times as many hams in the swap area as were there at the same time last year. Most had wandered away by the time 2:00 p.m. rolled around. The next swap fest there will be held in the Spring.

* * * * *

Delores Kearns of Dunbar, KA3GWW, recently upgraded from Novice to Technician so now she can join us on 2-meters.

Bill Evans, KB8KPT, Matewan, upgraded to General class at the Bluefield hamfest in June. He has received a new call and is now KB8PKR. Bill, I think I like the old call better!

* * * * *

I recently had a keyboard QSO with Cecil Ward, KD4ZAK, at Evarts, Ky. He told me of his plans to put a 145.05 node on Kentucky's highest peak, Black Mountain, which is near Evarts along the Kentucky-Virginia line. One night as I keyboarded with him he advised me he had just received permission to use the cable company's tower and would put the node up that weekend. He did as promised, and the node alias is ZAKY. Cecil and a group of associates may soon add a ROSE switch in the same area.

* * * * *

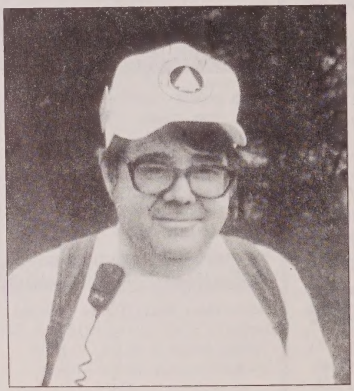
I had a telephone call from Ken Harris, WA8LLM, Parkersburg, in late August. He wanted to let me know he had been in the Kanawha Valley the day before and had moved the DAREN (Digital Amateur Radio Emergency Net) node on 145.690 Mhs from the National Weather Service on Eagle Mountain Road at Yeager airport to the Emergency Medical Services tower on Malden Mountain near Rand/Campbell's Creek. With the move I now have access to the statewide system via KANAWV, the Kanawha County mountain top node. Also at the same location, under the call CHASWV, I can get into the area ARES/RACES/DAREN PBBS.

And mention of Campbell's Creek above

Continued on Next Page

ON THE COVER

Now that he's retired, Tom Murdock, K8IXO, former Superintendent of Kanawha State Forest, has more time to enjoy his hobby. Tom has a home in a fine radio location on one of the hills arouhd Charleston. He is shown on our November Repeater Journal Cover comfortably seated behind his impressive ham station setup. (Color photo ctsy: Ted Wolfe, WD4KHL)



One of the spark plugs behind the DAREN (Digital Amateur Radio Emergency Net) organization is Ken Harris, WA8LLM, Parkersburg, shown here at the Wheeling hamfest. (Photo by WD4KHL)

DWIGHT & SHIRLEY PEAY

Electronic Specialists - Now Communications HQ

Dwight and Shirley Peay owners of Electronic Specialists in Wilmington, NC notified the Repeater Journal of their name change effective last August 1.

The new name of the organization is ***Communications Headquarters, Inc.***

Shirley Peay said they decided to incorporate the business, and found out there were several other electronics firms with the same name in the State of North Carolina. After a thorough search, they chose the name of Communications Headquarters.

"The name has changed, but we are all the same as before," Shirley told the Repeater Journal. "We still handle the same Amateur equipment, go to the same Hamfests, and maintain the same store location with the same phone number."

It should be noted that the telephone area code for Wilmington like a large area of North Carolina, changes from "919" to "910" effective November 15. Their local number is now (910) 791-8885 for service and technical, and (910) 452-3891 for Fax. Their 800 number remains the same - 800-688-0073.

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The WV ARC, Inc., held a picnic in August. By the time the photographer arrived all that remained of the activity was a meeting under the tent concerned with a discussion of net operations. Both the balloonists. The WVARI picnic was on the grounds of the Putnam County wave pool. (photo by WD4KHL)

Here's part of the gang that showed up recently at Boy Scout camp Arrowhead for hams who particpated in the June baloon launch from the Huntington area. Amateurs from both Huntington and Charleston areas attended for eyeball QSOs with those they became acquainted with during the balloon recovery effort. (photo by WD4KHL)

WEST VIRGINIA NOTES CONTINUED

reminded me to pass along the information that a bulldozer got entangled with the guy wires supporting the 145.43 repeater and the tower collapsed. I've heard no timetable for returning the repeater to service.

And the Oak Hill 146.19/146.79 repeater has not been accessable from here for some time now. The same goes for the Plateau ARC's packet node PARC on 145.05. Usually Buzz Collins, K8CFT, keeps me advised of thigs around there but I haven't heard from him lately.

As I was writing this portion of my column, on 9/23, I was monitoring 147.270 and heard Doug, N8AJC, announce the death of Buzz of a heart attack the previous day.

I started out in Broadcast radio after high school with my first job in Oak Hill in 1947. I didn't become an amateur for a number of years later but was always interested in hams wherever I was working and I remember when I asked about hams in Oak Hill the first name everyone mentioned was *Dewey F. "Buzz" Collins.*

* * * * *

I was listening to a recent WV Amateur Radio, Incorporated, swap net on the club's 147.27 repeater. Bob Adams, N9DMK, is the long-time NCS for the weekly net over a system of linked repeaters. On the Sep 15 session I heard another repeater being added to the link. It was the KJ8I 442.675 repeater in Adams County, Ohio.

* * * * *

Bruce James, KB8KAC, recently moved back to Kanawha from Boone County, so we may again be hearing more from Bruce on the two meter repeaters in the area.

* * * * *

Charleston Daily Mail columnist Richard Grimes devoted a recent column to Amateur Radio operator Charles Hawes, 24, of St. Albans--but nowhere was Charles' call, KB8BFN, used. Charles' father, Chet--K8HGM--is retired after many years as a photographer for the Mail, the evening paper. Charles is also a photographer.

* * * * *

I've had a letter from Walt Bastow, N4KVF, Gold Hill, NC, with some background on the NC chapter of TSRAC (Triple States Radio Amateur Club). Walt started the NC chapter with 15 members. Membership is now over 100. Some members commute over 500 miles to Wheeling, WV, for the hamfest there.

The North Carolinians organized their own "Firecracker hamfest." Their third annual one was held this past July. Walt says its a low key event with reasonably priced concessions and no big prizes.

* * * * *

I began submitting articles to the Journal in 1980 upon my return early that year from short-term contract job with Walt Disney's KITV in Honolulu. The first was my experience with repeaters in Honolulu while I was there and the inter-island linked repeater system.

Later I was elected Coordinator for West Virginia for SERA and kept writing separate articles and began my regular column of news from West Virginia. When someone else became coordinator, I kept submitting the column and articles. The thing, according to Wayne, (the editor), is being consistent. Since he could count on me to submit something for each quarterly issue I became a regular feature.

Anyone in West Virginia with news or an article for the Journal may submit it direct to Wayne. They do not have to go through me. But if you wish, you can send me your info and I will include it with my material. Send it to me by mail (PO Box 133, Cabin Creek, WV 25035) or via packet: WD4KHL @ WB8CQV.WV.USA.NA. I prefer to have your info in writing but in a pinch I can accept a phone call at 304/595-3970.

* * * * *

As an example, I had a note from Jim Damron, N8TMW, in the Charleston area. He advised he upgraded to Advanced class license on July 3 at the WV state ARRL convention and hamfestat Jackson's Mill. Also Jim has been certified as a volunteer

Continued on Next Page

The payload for that balloon launch we wrote about in the last Repeater Journal really wasn't very big, as you can tell from the picture. WA4GSS is shown holding the package which was recovered intact. The home-brew unit contained a b & w and a color camera and a 2M repeater. Antennas protruded from the styrofoam container. (photo by Ted, WD4KHL)

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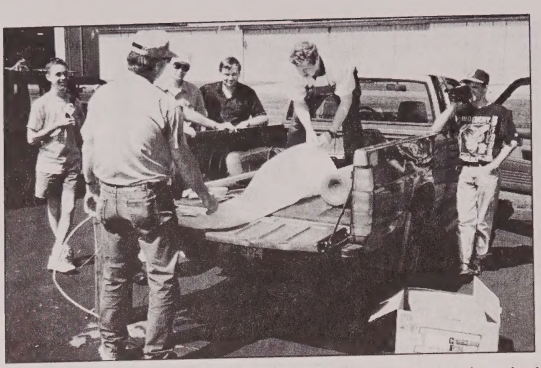
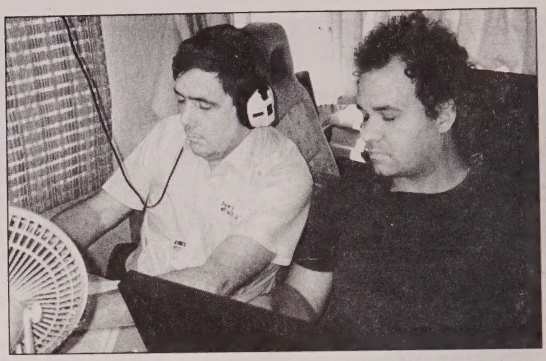


Ham ATV and balloon enthusiasts from the Huntington area launched two balloons in the spring and summer (see August Repeater Journal) The team prepares to assemble the balloon and its payload, including a color and a B & W TV camera, beacons on two bands, and a 2M repeater. (Photo by KD4LJJ)



Danny Danner, K8WOG, and Russell Fedonick, N8YYC, both of Hurricane, listen intently for contacts in the mobile home they used as a Field Day shelter durings WVAR's Field Day effort. For easier access to the public, the club Field Day site was set up in the parking lot of a bank. (Photo by W8HYX)

examiner by both ARRL and W5YI. He told me to pass the word that if any VE teams need an extra hand he is willing to help.

Since I purchased one of the "WV Callbook-on-disk" disks from the Jackson County ARC this summer (The database was developed by the club in Ripley as a fund raiser), I got a follow up letter suggesting one way to use it. I was reminded how I could track license expiration dates, with a suggestion that that part of the database be searched periodically and if we see a friend's call to be sure to remind him his license is about to lapse. Good idea. I searched the database for the first three months of 1994 and was able to remind one friend of his expiration date. Those times can slip up on us quite quickly. How many of you keep in mind your license expiration date?

* * * * *

"Current," the newsletter of the East River ARC (the Bluefield area) has been awarded the highest rating of Superior in the 1992 Publication Contest of the Amateur Radio News Service. The "Current" scored 95.5 out of 100 in the ARNS rating scheme. One of the things that accounted for the high rating was the diversity of contributors to the newsletter. Many club members contribute items or articles for the publication.

The publication of the Kanawha ARC, "Splatter," has changed its frequency of publication from a monthly to a quartely.

Back to the "Current" where Mark Williams, KJ4QQ, Bluefield, has an article in the issue I received in August. It concerns a new packet network in that area on 145.570 Mhz, called Network 57 "The User Connection." It currently has nodes which cover areas of Roanoke, Va (POOR57:WB4QOJ-1); Mullens, WV (MULL57:KF8OX); Burlington, NC (BUY57:AC4DZ-7); and Lynchburg, Va (LYH:WB4QOJ-3), soon to be identified as LYH57:WB4QOJ-3.

There are plans to include Network 57 coverage to the area of Covington, Va, and to the Giles/Bland/Wythe County areas. The purpose of the net is to provide the user with a keyboard to keyboard QSO frequency, and to provide a user BBS--just one--ROABBS:WB4QOJ, and access to 20 and 10 meter packet gateways. There is to be no BBS to BBS forwarding on the frequency, nor will it serve DX clusters. Mark indicated that another node site north of Becklay is being sought Network 57.

And in a message to me Mark said in early September the backup 145.49 repeater was on the air. Ditto the 444.450 repeater on 31 Aug. They were knocked off by a power surge coming in on the power mains at two separate sites during a storm about 5:00p.m. on Wed Aug 25. All covered, hopefully, by insurance.

The storm also affected the BLFDWV DAREN node on 145.690 mhz and the BLFD57 node on 145.57.

Also in my notes for that day is that there is a 145.57 node PIED57 at Boone's Mill, Va.

From the Wood County, WV, RACES newsletter: Mark, KJ4QQ, Bluefield advised the DAREN/RACES group that some Virginia amateurs are forming a packet radio frequency coordination group. Mark provided their names and packets of DAREN information were mailed to them asking them to consider holding the 145.690 Mhz frequency open for Emergency, Priority, and NTS type traffic (as is the case in West Virginia). The same information has been sent to Fred, KE4HI, ARRL EC for Roanoke County, Va, and to Mike, KE4BKQ, at Virginia Tech in Blacksburg, Va.

Tom, N8GQK, from Columbus, Ohio, visited with DAREN organizers in the Par-

Continued on Next Page

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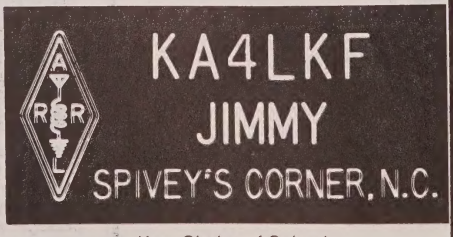

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Here's the 15th anniversary meeting ofd WVARI, West Virginia Amateur Radio Incorporated,. WVARI operates the 145.27 repeater in the Kanawha Valley and the 145.41 repeater at Liberty, WV, plus a packet node. (Photo supplied by WD4KHL)

kersburg area. Tom is assistant editor of a scanner frequency directory. Although not into packet yet he was impressed by the statewide system being set up in West Virginia. He indicated he would start trying to implement a DAREN system in Ohio.

Recently the weekly DAREN net net control station (N8UBG) was located at the Meigs County, Ohio, Emergency Operations Center. Meigs County, across the Ohio River from West Virginia, is one of the first in the Buckeye State, to activate a DAREN node in that state.

*****

Thomas B. "Terry" North, WB8IFS, had an eight bypass operation at a Charleston hospital on Saturday, Aug 25. He has been recuperating at his mother's home at 1506 Kanawha Boulevard, East. By the time this is in print he will probably be ready to return to work. Terry's the fellow with all those packet nodes around West Virginia--BEE, BEELAN, BEEUHF, BEE220, CRW, CRWLAN, CRWUHF, NOBE, NOBEU, PINEY, PINEY2, PINEYU, and ROANEU. I think the only SSID he has left is WB8IFS-10.

And I learned last month that Dana R. "Randy" Cowles, WA8IWZ, is hospitalized after a stroke affecting his left side. For a time he was permitted no visitors or callers. I am sure we all wish Randy a speedy recovery.

*****

The application of the Triple States RAC to hold an ARRL approved hamfest in Wheeling, WV, on May 15, 1994, has been approved by ARRL Director Kanode.

We will all be looking forward to the first hamfest of 1994 in southern West Virginia. That's the one at Fayetteville, WV, on February 27 at the Fayetteville High School auditorium.

*****

The last newsletter I have from West Virginia Amateur Radio, Inc., at Hurricane lists three dates of interest following our publication date. The club's November meeting is set for Nov 5. A board of director's meeting will be held on Dec 5, and the December meeting/Christmas dinner party is scheduled for Dec 17.

Starla L. Felix, N8XZO, of Charleston is the editor for WVAR NEWS.

*****

Jason Moore, AA8HU, grandson of my good friend Sam Moore, W8NCD, spent about a month this summer in Venezuela. He is back and in his junior year in high school and beginning to work toward applying for an appointment to the US Air Force Academy.

Besides being an extra class amateur, Jason is also active in the Civil Air Patrol.

*****

There were 85 check-ins Sunday night 9/26 to the WVAR Information and ARES net. Bob, KC8VV, was ncs.

*****

Shirley White, KD4HB, Columbia, SC, has been here to visit his brother, Garry, WD8OMB, twice recently. Shirl is a recent widower--and an old friend from my high school days.

*****

Another event that will have come and gone by the time this is in print is the annual BRIDGE DAY observance at Fayetteville, held this year on Oct 16. It is the one day of the year when parachutists and bungee jumpers are permitted to work from the New River Gorge bridge. That's the bridge you see in the television commercial where a vehicle is released tethered to a bungee

Concludes on Next Page

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Arkansas

West Memphis WCARS-VEC
Walk-ins 2nd Sat. each month at 9:00 a.m. at the Rosewood United Meth. Ch. Sked: Nov. 13, Dec. 22. Call: Rev. Richard Gregory, AB4CH, (501) 735-4060 or Steven Gatten, KJ5DA, (501) 739-4769.

Georgia

Augusta, ARRL-VEC
Walk-in exams 2nd Saturday, even months at Fort Gordon, Bldg. 20301 at 9:00 a.m. Dec. 11. Contact: Ace Norton, NA4I (706) 798-5060.

Augusta WCARS-VEC
Walk-in exams on 2nd Saturday Odd months at Sue Reynolds Community Center. Code at 10 a.m. Written 11 a.m. Nov. 13. Contact Jim Abercrombie, N4JA, (404) 790-7802.

(Metro Atlanta Area Examinations)

Lawrenceville W5YI-VEC
Walk-in exams 1st Sunday monthly at 2:00 p.m. at Jackson EMC, 461 Swanson Rd., Lawrenceville. Contact Duane Reynolds, WB2YAD, 962-9582.

Peachtree City CA-VEC
Walk-in exams 1st Saturdays at 9:00 a.m. at Peachtree City - City Hall. Take exit 12 off I-85. Contact Mike Murphy, KB4KZY, 487-7494.

Roswell CA-VEC
Exams 1st Monday of each month at 7:00 p.m. at the St. Ann Catholic Church, 4905 Roswell Rd., Marietta. For info, contact: Delaine McCarthy, KM4FV 993-9758.

Stone Mountain CA-VEC
Walk-ins 2nd Saturday of each month, at 8:30 a.m. at Stone Mt. Methodist Church, Contact Hal Martin, KI4RD, 469-6430.

Southern Tech CA-VEC
Walk-ins 3rd Saturday each month. 9:00 a.m., Southern Tech, Rm 4310, Academic Bldg.. Call Hal Martin, KI4RD, 469-6430.

DeKalb County CA-VEC
Walk-ins 4th Thurs. at 7:00 p.m. at DeKalb Co. Police, E. Precinct, Lithonia. Call Harvey Pearson, WB4PHF, 972-5061.

North Atlanta ARRL-VEC
Walk-ins 4th Sunday monthly, 2:30 p.m. at Church of the Atonement, Highpoint Rd. Call Neil Foster, KC4MJ, 449-3340.

Dalton WCARS-VEC
Pre-Reg. exams Saturday even months at Unity Baptist Church at 3:00 p.m. Contact Bert L. Coker, N4BZJ, (706) 259-5625 or Harold W. Jones, N4OTC, (706) 673-2291.

Indiana

New Albany, WCARS-VEC
Walk-ins 3rd Sat.of even months 10 a.m-2 p.m. at Ind. Univ. Dec. 18. Call Dick Truax, K8GVU, 246-6377 or "Mac" McCrory, NM9A, 944-6661.

Kentucky

Hazard WCARS-VEC
Walk-ins at Ray G. Eversole School. For info contact John Farler, K4AVX, 109 Hall St. Hazard, Ky 41701. Ph. 436-5354.

Middlesboro WCARS-VEC
Walk-ins 2nd Saturdays odd months at Middlesboro Library. Nov. 13. Call: Andrew A. Pitt, WB8WEZ, (606) 248-0046 or James Dyke, KZ8A (615) 869-4453.

Mississippi

Gulfport ARRL-W5YI VEC
Exams held at Harrison Cty. Courthouse in CD conf. room at 8:00 a.m. Call: Stan Hecker, AA4SP 875-9341,d 875-0222, n.

Ocean Springs ARRL-W5YI VEC
Exams at 7:00 p.m. at Ocean Springs Library in meeting room. Pre-reg req, limited walk-ins accepted. Contact Stan Hecker, AA4SP (601) 875-9341 day and 875-0222 nights.

North Carolina

Asheboro VE Team
Exams quarterly at Belfour Baptist Church, 1642 N. Fayetteville St. and at other times warranting an exam session. Contact: Dwight Ayers, N4ZRT, P.O. Box 246, Cedar Falls, N.C. 27230. (919) 629-5516.

Asheville WCARS-VEC
Walk-in exams at 9:00 a.m. at the Health and Social Services Bldg. 25. Contact Norman G. Harrill N4NH, (704) 253-1192.

Asheville WCARS-VEC
Walk-in exams 2:00 p.m. at the Elm Bldg., Rm. 134 of AB Tech. Sked: Nov. 21. Contact Mary Dull AA2AB, (704) 691-5481, or Don Lovelace, W4TMT, (704) 765-5311.

Charlotte ARRL-VEC
Exams quarterly in May, August & Nov. Call: Rob Rochelle, WA4DAZ 845-3099 or Mary Hunt, KA4EXP 845-9429

Charlotte Charlotte-VEC
Monthly walk-in exams at 9:00 a.m. Saturdays at Gaston Cty library, Gastonia. Contact Charlotte VEC, (704) 596-2168.

Durham
Walk-in Exams 2nd Saturday of odd months. For additional info: SASE to AB4VJ, P.O. Box 61971, Durham, NC 27705.

Greensboro W5YI-VEC
Walk-in exams 3rd Thursday of each month, at the Trotter Center on Vandalia Rd., Reg 6:30 p.m. For info: contact Charles Layno , WB4WOR (919) 288-3635 or on 146.76 repeater, or call Real Talk (919) 299-2525, Prompt 0076.

Hendersonville W5YI-VEC
Blue Ridge Chap. QCWA team has Walk-in exams at Blue Ridge C.C. 2:00 p.m. Dec. 5. Walk-ins welcome, reservation req. Contact W2YTO at 891-4359.

Fayetteville CFARS ARRL-VEC
Walk-in exams 2nd Sat. of odd months at Methodist College in Science Bldg. Regis. 9:00 a.m., testing 9:30. Contact CVE Fred New KN4SS at (919) 497-6589.

High Point TEARC-VEC
Exams occasional basis. Call Jim Williamson, NQ4T at (919) 841-7576 for more details. Sessions avaiable for 5 or more.

Kernersville TEARC-VEC
Exams 1st Sat. monthly, 9:00 a.m. at Kernersville Public Library. Call Jim Williamson, NQ4T at (919) 841-7576.

Leicester WCARS-VEC
Walk-in exams 2nd Saturdays each quarter. at 9:00 a.m. at Leicester VFD on Hwy. 63, (Asheville). Dec. 11. Call: Larry E. York, WB4PLA, (704) 683-1400.

Marion WCARS-VEC
Walk-ins at Asheville Federal Bank, Main St. Nov. 13. Call: Cecil D. Potter, WB4UCF, 724-4007.

New Bern WCARS-VEC
Walk-in exams held at New Bern High School at 9:00 a.m.. For schedule, contact: Andy Griffith, W4ULD, (919) 726-5924 or (919) 247-0967.

Raleigh
Exams 1st Wednesday of even months. Pre-register by mail with SASE to AA4MY, 220 Carriage Trail, Raleigh, NC 27614.

Rocky Mount ARRL-VEC
Tar River ARC conducts walk-in exams 9:00 a.m. at Rocky Mount Childrens Museum, Sunset Park. Sked: Sep. 25, Nov. 27. Call: Bill Thomas, WF2G, 442-6131.

Rutherford County WCARS-VEC
Exams at Isothermal Col. in Spindale 3rd Saturday, 1st Month of quarter. Call: A.B. Brackett, KO4BJ, 245-6344 or F. Bruce Tessinear, KD4OJ, 657-5464. Call for scheduling.

Salisbury W5YI-VEC
Exams 2nd Sunday each month, 1:00 p.m. Rowan County Public Library. Call: Isabelle Ledford, AB4UX, (704) 284-2414.

Smithfield (ARRL-VEC)
Triangle East ARA 3rd Sat. monthly. Write TEARA VE, POB 255, Smithfield, NC 27577 or call Peter Hulth, N4SXG, 934-8927 or Dave Hockaday, WB4IUY, 291-8451

Spruce Pine WCARS-VEC
Exams at Burnsville Public Library at 9:00 a.m. Nov. 13. Contact: David McCarty, KK4PW, (704) 675-9044 or David L. Gillespie, WA4LLR, (704) 675-9942.

Tarboro ARRL/VEC
Tar River ARC exams every 2 months at Heritage Hospital at 9:00 a.m. Contact Bill Thomas WF2G, (919) 442-6131

Wilson VE Team
Pre-registration exams 2nd Sat.qtrly, at Wilson County Library Conf. room at 9:00 a.m. Nov. 20. Call Tommy Evans, NE4J at 291-1738 nights, 237-1898 days.

Yadkinville VE Team
Walk-in exams by Bear Creek ARC 2nd Saturday of each month at the Yadkinville Elementary School on Rt. 601 at 10:00 a.m. Call Steve Hutchens, N4DEY at (919) 961-8741.

South Carolina

Charleston WCARS-VEC & W5YI VEC
Walk-in Exams 3rd Saturday each month at 9:00 a.m. at Trident Tech College Nov. 20. If holidays, testing on the 2nd Saturday. Contact: Ed Frank, 871-4368. (W5YI) and Pat Foster, AC4IH, 553-3871 or Werner E. Dolder, AA4IX, 873-9465 (WCARS)

Columbia, WCARS-VEC
Walk-in exams 3rd Sat. even months, at the Red Cross Bldg., Bull Street and Harden Ext., 8:30 a.m. Dec. 18. Call Ray Rogers, N4WR, 345-3373.

Greenville WCARS-VEC
Walk-in Exams 1st Saturday monthly thru 1992 at The Red Cross Bldg. on Grove Road 8:30 a.m. Contact John Chism, ND4N, (803) 288-0136.

VE Exam Schedule Continued Next Page

Western Carolina Amateur Radio Society/VEC, Inc.

An Amateur Radio Volunteer Examiner Coordinator

WANTED! VE TEAMS!

Now that Novice testing has moved into the VEC program, WCARS/VEC believes we must do our part to become more visible. We are particularly interested in seeing every Amateur Radio Club in America have at least one accredited VE team within its membership.

If you or your club are interested in forming a VE team, WCARS/VEC is ready to help. If you would like to join us, contact any of the WCARS/VEC persons below:

Win Guin W2GLJ
2138 Sonning Dr.
Germantown, Tn. 38138
(901) 754-4552

Ray Adams N4BAQ
5833 Clinton Hwy, Suite 203
Knoxville, Tn. 37912
(615) 688-7771

Norman Harrill, N4NH
7 Skylyn Court
Asheville, NC 28806
(704) 253-1192

John Chism, ND4N
206 Lanewood Drive
Greenville, SC 29607
(803) 297-1617

WE'RE LOOKING FOR A FEW GOOD VE TEAMS!

Telephone Area Code Change in Part of NC

Effective November 15th, a portion of the telephone area code "919" area in North Carolina will be broken off and given a new area code. The new area code of "910" will be used.

Most officers, and staff of SERA and advertisers in the Repeater Journal who are effected by this change have their new area code numbers listed.

At press-time we were unable to exactly identify the area of 919 which was broken off for the new 910 area code. For SERA personnel, and advertisers in those areas, you might recheck their numbers in this issue for any calls made after November 15.

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VE/VEC EXAMINATIONS

CONTINUED FROM PREVIOUS PAGE

Lancaster W5YI-VEC
Pre-Regis, or Walkins. 9:30 a.m. USC, Main Bldg. Dec. 11. Talk-in: 10-70. Call Grady Robinson, 283-8298.

Spartanburg WCARS-VEC
Walk-ins 2nd Tuesday even months 7:00 at ARC on Garner Road. Call: Pete Theiler, KI4KN, 585-4919 (n) 578-5566 (d)

Sumter WCARS-VEC
Walk-in exams 3rd Saturday 8:30 AM odd months at the Abundant Faith Church on Hwy. 521. Nov. 20. Call Dan Mask WB5SGH, (803) 775-9106.

Tennessee

Blount County, Maryville WCARS-VEC
Walk-in exams 2nd Monday even months at 7:00 P.M. at St. Andrews Church Hall, Dec. 13. Contact: Carrol Peabody, W4PCA, (615) 982-5839.

Carter County WCARS-VEC
4th Friday odd months 7:00 p.m., Carter Cty. Airport Elizabethton. Pre-reg. is rqr day before tests. NO walk-ins. Nov. 19. Call Joe Hopkins, K4BKI, 543-4022 or Jon Christiansen, AB4NN, 543-7155.

Chattanooga CARC ARRL-VEC
Pre-Regis. exams monthly except July and Nov., at ARC bldg. McCallie Ave. at 6 p.m. Dec. 3. For info contact: Art Parry, WB4BGX (615) 886-4714

Chattanooga WCARS-VEC
Walk-in exams first Monday odd months at Walker County (Ga.) Civic Center, Hwy. 27, Rock Springs, Ga. at 7:00 p.m. Contact: Alan Painter, WA4QCH, or Dale Harwood, N4VFF, (404) 937.5680.

Fentress County WCARS-VEC
Walk-in exams 3rd Thur, 1st month of qtr, 7:00 p.m. at First Baptist Church. Call: Mike Ledbetter, AB4BX, 879-8626 or Steve Qualls, KJ4HT, 879-7517.

Greeneville WCARS-VEC
Walk-in exams 4th Saturday odd months at Roby Adult Center on College St. Nov. 27. Contact: Jack Creed, K4EPC, (615) 638-7056.

Henry County WCARS-VEC
Walk-ins every 6 weeks at 9:00 a.m. at Henry County HS, Paris. Nov. 27. Call Mackie Gallimore AA4YF, 247-5489 or Les Merrell, KQ4F, 642-5966.

Jasper WCARS-VEC
Pre-Reg. req., some walk-in (exams limited), 2nd Sunday at Jasper Public Library 1:00 p.m. Sked: Nov. 14, and Dec. 12. Call Charles Wooten, KD4XX, 942-5116 or Wallace S. Brown, KD4XV, 942-2836.

Johnson City WCARS-VEC
Exams 3rd Saturday even months at 10 a.m. at ETSU, Room 223. Reg. 1/2 hr. prior. Dec. 18. Contact Charles Hensley, AC4QF, 743-5144 (h), 926-1171 ext. 7807 (w). or C.V. Jayne, Jr. W4NHT, (615) 282-5822.

Knoxville WCARS-VEC
Pre-Reg. til 9:30 a.m. Code 10 a.m., written 11 a.m. 3rd Saturday of month. Pellissippi State Tech. Room B-129. Sked: Nov. 20*, Dec. 18*. (*=Tentative dates. Call: Ray Adams, N4BAQ, 688-7771. Alt. Rich Slover, ND4F, 539-4821.

Loudon County, Loudon WCARS-VEC
Walk-in exams 4th Saturday even months, at Third National Bank on U.S. 321 E. (321 is Exit 81 on I-75, then East to Bank) Contact: Bob Gray, KE4SK (615) 458-6115.

McMinn County WCARS-VEC
Walk-in Exams 2nd Monday 8:00 p.m. odd Month, at Athens Municipal Building Council Chambers. Contact: Evan Ray, WA4PNI (615) 263-9300.

Memphis WCARS-VEC
Walk-in exams 3rd and 4th Sat. of month at 9:00 a.m., Central Church on Winchester Road. Sked: Nov. 20 & 27, Dec. 18. Contact: Win Guinn, W2GLJ, (901) 754-4552 or Nita Wofford, N4DON, or Stan & Mary Moore, AC4CQ & AC4GF, (901) 795-5923.

Morristown WCARS-VEC
Walk-in exams at 7:30 pm at Red Cross Bldg. Contact: John Hall KC4ZAL, (615) 581-4227 for schedules.

Roane County WCARS-VEC
Walk-in exams 2nd Sat. even months, Pond Grove School, Rockwood. Dec. 11. Call Richard Spille, AA4KS, 354-4281, or Bill Smelcer, KA4AAD, 354-1010.

Virginia

Bedford ARRL-VEC
Walk-ins 2nd Sunday, 2:00 p.m. at Liberty Lake Park Admin. Building. Info, Call Bob Treacy, W2QZY (703) 297-5351

Danville W5YI-VEC
Walk-in Exams last Tuesday of month at Danville Community College, Hill Building. Registration starts at 6:30 p.m. Contact Contact Jim Thomas, KB4XK (919) 234-8938..

Roanoke WCARS-VEC
Walk-ins on Dec. 4, at Hollins College. Contact Fred L. Horton, KZ4Y, (703) 366-6266. or Ben Giavaden, N4BG, (704) 344-7000.

Roanoke ARRL-VEC
Walk-ins on 3rd Friday monthly at Roanoke Valley American Red Cross Bldg. Registration at 7:00 p.m. Info: Gordon Garrett, KC4DY (703) 268-1017.

Norfolk, Va. Beach, Hampton Roads, Portsmouth, Chesapeake, Williamsburg.
All exams: Walk-ins are ok, but contact person would like to know in advance. See individual exams for contact person.

Southeastern Virginia Schedule
Hampton Roads Radio Assn.. (W5YI/VEC) contact Bill Runyon, N4BDH at 487-8611. Nov. 20.
Portsmouth ARC. (ARRL/VEC). Contact Art Thiemens, AA4AT at 484-2857.
Virginia Beach ARC (ARRL/VEC) contact Ed Robinson, WD4GOY, 468-0866. Dec. 4.
Williamsburg ARC (ARRL/VEC) Contact Andrew Swanson, WJ4X at 253-2811. All exams walk-ins.

West Virginia

Beckley, W5YI VEC
Walk-ins at 6:00 p.m. are sponsored by ARA, Northern Div., in Rm C108 & C109 Mine Safety & Health Admin. Academy near Beckley. Dec. 4.

Bluefield, W5YI-VEC
Exams 2nd Sat. each Quarter, Feb., May., Aug., and Nov., 9:00 A.M. Bluefield State College. Walkins preferred. Contact Don Williams, WA4K (703) 326-2411 or (703) 326-3338.

Charleston, W5YI-VEC
The Kanawha Valley group gives Novice thru Extra exams, 9:00 a.m. 3rd Sat. of month, at Holy Trinity Catholic Church in Nitro. Walk-ins ok. Talk-in on 40-00 St. Albans repeater.

Huntington, TARA W5YI-VEC
Walk-in exams by the Tri-State ARA VE Team at Our Lady of Fatima Church, 545 Norway Ave. Check-in by 9:15 a.m., exams at 10 a.m. Call: Jim Baker, K8KVX, (304) 736-6542.

Nitro, W5YI-VEC
Walk-in exams (register at site) are held at the Holy Trinity Catholic Church. Registration begins at 9:00 a.m.. Contact: Jimmie Hewlett, WD8MKS, (304) 768-1142.

Parkersburg, W5YI VEC
Walk-in exams (register at site) are held 2nd Saturday of the months of Dec., Feb., Apr., Jun., Aug., & Oct. at 10:00 a.m. at the E.O.C. on Staunton Ave., Rt. 47. Also Commercial tests. For info call Dana Pickens, WV8G at (304) 422-1823

NOTE TO VEC/VEs
The *Repeater Journal* publishes at no charge brief exam schedules. VEC/VE organizations are invited to use this free service. Send your exam schedules, updates or changes to the Editor. Deadline is Jan. 5, 1994. for February issue.

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WEST VIRGINIA NOTES CONTINUED

cord. Coverage of the 1992 event was carried by television stations in 29 countries (Source: Sunday Charleston GAZETTE-MAIL, Sep 26, 1993).

*****

The Southern West Virginia ARC in the Greenbrier Valley working agin with the state OEC manned a booth at this year's WV State Fair at Fairlea, near Lewisburg. Members taking turns at the booth were: Paul, KD8WY; Bill KB8NWU; Norman, WA8AVZ; Leonard, N8DIS; Gary, WV8D; Larry, N8KUK; Jim WB8DMS; and Steve, KB8KVV.

The club has purchased a new antenna for the 146.73 repeater and it seems to have improved the machines's coverage.

A local EMS service has donated an ambulance to the club and it will be worked on and refurbished this winter. It should be ready by spring for use by the club for communications service. It will be used to pull the club's existing emergency communications trailer.

Club members David Hersman (WB8NXA), his wife Crystal (KB8DGJ), and children - Benji (KB8OZP), Charlotte (KB8OZR), and Tommy (KB8OZQ) - left for a two year missionary trip to New Guinea recently. Prior to their departure they were looking for an HF rig to help keep in touch with their friends back home. (submitted by Calvin Christian, KB8LPP)

And that, my friends, is about it for another issue. I am sending along some photos to accompany this column if the editor has space. By the time this reaches your mailbox I hope I will have had the time to spend a week at my sister's home in Hartsville, South Carolina.

And by the time the next issue after this is distributed, in Feb 1994, Christmas will have come and gone. I hope you find that longed for rig or special piece of equipment under your Christmas tree! 73, de Ted.

Ted Wolfe covers West Virginia in the Repeater Journal - every quarter - every year!

Repeater Interference

We've received a couple of reports about repeater interference caused by remote base systems, and cross band repeating systems. It seems the operators are using what they think is a clear simplex channel, of 146.43 and 146.46. The ARRL Repeater Directory lists these as simplex channels, with "local option" meaning some coordinating councils use these for repeater inputs. SERA does just that.

Won't someone be surprised when he does some "secret" simplex cross-banding on 146.46 and discovers the world is listening to him on a repeater. We would urge you to take care, be aware of what repeaters are in your area, and on what frequencies. The Repeater Journal is a natural source for a quick check.

No-Code Techs Are Upgrading More

-via W5YI Report

W5YI conducted a survey concerning whether or not Amateurs are upgrading to "Mainstream."

A search was made into FCC licensing records, and some interesting results were revealed.

For 3 years prior to "no-code" an average of 1,070 Technicians were upgrading to General or higher monthly.

For the 29 months since "no-code" an average of 1,336 Technicians are upgrading to General or higher monthly. This represents an increase of 25%.

It thus appears, according to W5YI that the No-Code Technician Class has actually helped increase the number of telegraphy proficient amateurs. The reason is probably that there is simply a larger pool of radio-oriented people entering ham radio. The exposure seems to have motivated newcomers to upgrade further "up the ladder."

We Want More In '94!
Read more about this great promotion - beginning with the February 1994 issue of the Repeater Journal! Prizes!!!

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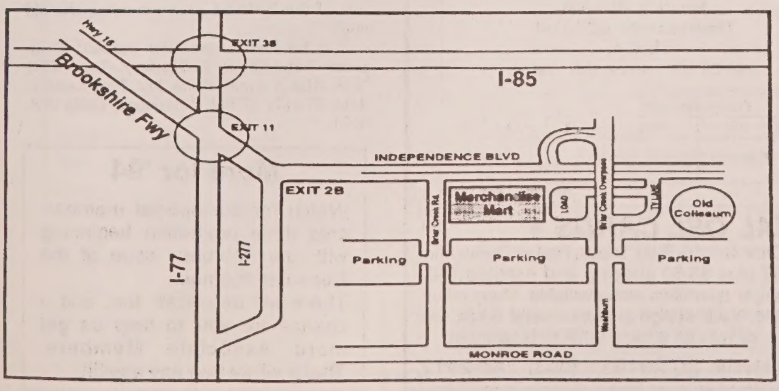
(704) 377-8873 or write to the above address.

Talk-In on W4BFB, 145.29



Note: The Merchandise Mart charges $3 for parking. We suggest you carpool to save money.

User Information about the CAT-1000 Repeater Controller

-by Stuart "Stu" Sims, N4MXC

A couple of old adages come to mind, first - if you build a better mousetrap the world will beat a path to your door and second - if it ain't broken, don't fix it. Computer Automation Technology used their CAT-500 controller as a foundation and included the features suggested by repeater owners/users to develop the CAT-1000. The CAT-1000 is definately a better "mousetrap", and a formidable "big brother" to the highly functional CAT-500. So, for those thinking about building a repeater or upgrading their current repeater controller from basic COR and CW ID to something more modern, one of these controllers might be worth looking into.

Both controllers are packed with features and provide growth potential for repeater owner on a budget.

I was familiar with the CAT-500 performance and thought any controller change was going to be a tough act to follow. I was pleasantly suprised and greatly impressed with the CAT-1000. The additional features of the include full featured autopatch functions, 300 user speed dial numbers, 10 emergency speed dial numbers, a voice synthesizer with a 475 word vocabulary, an on board 300 baud modem, a serial port (both RS232 and TTL outputs are supported) to control a serially controlled HF transceiver, and capability to support BOTH a digital voice recorder and a serially tuned link transceiver. A look at the board shows it to be well laid out and of quality construction. But the real test was to program the controller and put it to use.

Even though few of us ever read the all of the directions first, a word about the CAT-1000 documentation is appropriate. The documentation is well written and arranged by repeater function making it easy to follow and understand. It presents clear examples and directions, lists the default values, parts list, and interface instructions for a digital voice recorder and serial tuned transceivers. The controller is easily prepared for installation and easily programmed to get it in use quickly without having to spend a lot of time studying the documentation.

Every parameter of the controller is field programmable by DTMF commands. Programming any of the CAT-1000's 64 control functions, 40 voice messages, 10 courtesy tones, 18 timers, and 310 speed dial numbers is very simple and straight forward. The CAT-1000 can be programmed and customized using the on board 300 baud modem - you can put it on the air with a minimum of DTMF programming and then finishing tailoring your controller on your computer then downloading the programming it over the phone line. Controller program security is provided by a owner determined seven digit unlock code. The CAT-1000 programming is immune to power outages as the memory and the clock are battery protected.

Installation and interfacing the CAT-1000 to the repeater is very simple. It requires a repeater receiver audio input, COR input, 12 volts DC and it provides repeater transmitter audio output and PTT all on a single DB-25 connector. Simply make the connections, adjust the audio levels (if needed) and you are on the air. If you are upgrading from a CAT-500 the DB-25 connections are the same except the 12v power source is included in the CAT-1000s DB-25 connector.

The fully automatic, sixty position scheduler controls every facet of your repeater's operation. The voice synthesizer IDs your repeater, announces the time, and interacts with you during control and programming operations. Select from over 475 words carefully chosen for amateur repeater operation to formulate IDs or announcements. Customize your ID, squelch tail, and transmitter drop messages. The Grandfather clock feature announces the time on the hour. A DTMF regenerator will mimic your DTMF inputs to pass DTMF tones distortion and noise free to distant repeaters within a linking system.

CAT-1000 auxiliary inputs support a second repeater, control receiver, serial tuned link transceiver, or DVR, allowing you many repeater configuration options. The scheduler can automatically select from forty DTMF commands programmed in the memory any time you choose. MACROs will store 5 commands for recall as a groups and MACROs may be linked together. Eight remote switches control accessory equipment at your repeater site. Additional features include: DTMF muting and repeater access, key-pad test, single or dual courtesy beeps, and a CTCSS tone squelch input.

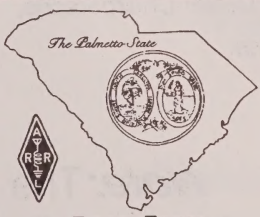
The CAT-1000 interfaces with the Doug Hall Electronics remote base interface which will control up to 4 Kenwood radios which opens a myriad of linking capabilities.

For those interested in specifications the CAT-1000 microprocessor is an 80C188EB. Its memory in EPROM is 1024K with 64K of non-volatile RAM. Clock accuracy is plus or minus 1 minute per month and in the absence of power, data and time will be maintained for five years. The voice synthesizer is a Texas Instruments TSP53C30 with a vocabulary of 475 words. The DTMF decoders are Mitel MT8870.

This state of the art controller provides features of other controllers costing a couple thousand dollars! The CAT-1000 provides state-of-the-art voice ID, time announcements, touch-tone pad tests, and the capability for much more at a fraction of the cost of one of the other super controllers. The CAT-1000 provides the room to economically expand a basic repeater system with the addition of a serial tuned link transciever, DVR or the Doug Hall remote base interface.

Customer support from Computer Automation Technology is superb. They welcome suggestions and ideas. Many of the CAT-1000 features were in response to repeater owner/user suggestions. The field testing prior to release was intensive and the product quality control is evident. Software upgrades are most reasonable - generally a small nominal fee to cover the cost of the EPROM plus returning the old one!

For further information contact: Computer Automation Technology, Inc., 4631 N.W. 31st Avenue, Suite 142, Fort Lauderdale, Florida 33309. Telephone: (305) 978-6171.



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Slate of Officers Nominated

Norman Harrill, chairman of the SERA Nominating Committee has submitted a list of names for Officers of SERA for the 1994-95 term.

Dave Shiplett, AC4MU has been renominated for the office of President, Nita Wofford, N4DON for Vice President, Alex Hedrick, Jr., N8FWL for Secretary, and Ray Adams, N4BAQ for Treasurer.

Shiflett is running for his second term as President, Wofford, her 3rd term, and Adams who has been around for many years. Hedrick, presently Vice-Director of West Virginia will serve his first term if elected.

According to the SERA By-laws, the nominating committee turns over its recommendations to the secretary, and they are published in the November Repeater Journal.

Located on this page is a "from the floor" Nomination form, allowing ANY Full Member to nominate any Full Member to any of the offices he wishes.

If there are no further nominations from the floor in the hands of the Secrertary by November 28th, she will notify the President, and the slate of nominees presented by the committee will be pronounced elected.

If, however, any nominations from from "the floor" for any office, an election will be held in all 8-States by mailed ballot, containing all nominees for that particular office.

If you are a Full Member, and wish to place someone in nomination for any office of SERA, please read and follow the nominating form correctly. Times, and information MUST be abhered to, or the nomination will not be allowed.

If you feel someone else could do a better job, get their name entered into the form so an election will be held.

SERA OFFICER NOMINATING FORM

For the Office of **SERA PRESIDENT, VICE-PRESIDENT, SECRETARY or TREASURER**
Please Mail this form to the Secretary postmarked no later than NOON Nov. 28, 1993.
Note: The Secretary must also be notified verbally by phone no later than Nov. 28 1993.

To the SERA Secretary:

The below named person(s) are nominated to Office(s) listed below. The persons nominated have been contacted and through their acceptance letter (enclosed) will serve if elected. The nominee is a SERA FULL MEMBER appropriately listed as such in the February 1993 Repeater Journal, is not an officer in any other coordinating council, fully qualifying under the bylaws of SERA to hold office. It is understood that this nomination from the floor, signed by myself and three other eligible SERA Full Members will be added to the nominating committee's list of nominees. This "from the floor" nomination for Pres., V-Pres., Sec., or Treas., will cause an election to be held by written ballot, mailed to every Full Member in the SERA 8-States.

Office for Which Person is nominated_____
If more than one nominee, use copy or simular sheet of paper for each nominee.

Name and Callsign of Nominee_____State_____

Address_____Phone ( )_____

Is a representative of _____Full Member Repeater

Person has been contacted and has agreed to serve ( ) Yes

Please include brief Biographical sketch of nominee (Use separate sheet)

This SERA Nomination is certified by (Name)_____State_____

Call_____My Signature_____Phone ( )_____

I am member of _____Full Member Repeater group

Please list three other Full Member Repeater Representatives (each must sign)

_____callsign_____

_____callsign_____

_____callsign_____

Mail this properly completed form with other necessary paperwork to:
Barbarra Gregory, SERA Secretary, 8619 Smokerise Lane, Chattanooga, Tn. 37421
(This mailing must be Postmarked no later than NOON November 28, 1993)
Verbal Notification by Phone to the Secretary also by NOON Nov. 28, 1993.

Causing Interferance And Not Knowing It!

Talking on a repeater is fun; talking on two or more repeaters at the same time is not fun. This happens occasionally when someone is not careful.

Although co-channel repeaters are placed apart sufficiently, persons living midway between two of them can be a potential cause of interferance.

If you are 35 to 50 miles away from your repeater, be cautious, there may be another one in the other direction only that far away too.

A good way to tell if you are keying up two or more repeaters is to let up on your key, and listen. If you hear a "growl", or a hetrodyne sound, then one seems to disappear before your local machine drops out, chances are, you're definitely keying up a second machine somewhere. Sometimes you can hear that other machine when it is busy too.

If these conditions occur, you should take remedial steps to eliminate the keyup problem you are causing with that second machine. Things to do include: (1) lower your power - only enough power to get into the local machine is necessary. (2) Lower your antenna, or use a second antenna with less gain - shift to it when problems occur. (3) Go to a directional antenna. It makes no sense to use 150-watts and 4-stacked 16s to get into the local repeater. A vertical setting 100-ft in the air is another potential problem.

Many repeaters have interference problems. Very rarely are they coordination problems. They are 98% user problems - someone talking into a second machine and not aware of it.

Good operators should take time to be aware - and take necessary steps to stop any interferance they are causing. We can all enjoy more.

NORTH CAROLINA NEWS

-by Gene Fegely, K3EJG
News To: 115 Randomwood Lane, New Bern, NC 28562

Summer has passed, bringing the hurricane season to Eastern Carolina. Emily proved the first major threat and caused mobilization of several county ARES/RACES groups, and local repeaters were put to good use.

Carteret County Coordinator Jo Ann Taylor, WD4JYR, had several emergency shelters mobilized, and communications through the 145.45 repeater were evident, using the Trenton 145.21 as a backup.

Ray Hemphill, KI4SJ, under the direction of the Craven County Emergency Office set up a base station at the administration headquarters, but as the danger moved away, he was able to shut down early in the afternoon.

Missed vacation

Unfortunately, the xyl and I were vacationing in Boone when the first headings were given that Emily was destined for our home in New Bern, so we rushed back to pack away outdoor furniture and prepare for the predicted onslaught.

Fortunately, we weren't hit, except in the pocketbook for the remaining five days of our pre-paid timesharing week in the lovely western North Carolina highlands. We hope to return sometime.

I feel I must make an editorial comment about this experience. As we rushed back, trying desperately to access repeaters and get information about Emily's progress, very few repeaters seemed to have anyone listening who was willing to respond.

Shelby Hamfest

Does it always rain in Shelby? I seem to remember the last time I went to the hamfest I got caught in the rain. But a good time was had buy all (the pun is intended). As I managed to pick up several good deals and a good monitor (with computer attached!) despite spending much time in the crowded indoor areas.

North Carolina Navy MARS members had a well-attended meeting. John Neal, WB4VIM, reports over 30 attending, including three hams looking for information about joining the group and a former Chief Navy-Marine MARS, whose name and call I missed.

MARS, whether Navy, Army or Air Force, is one of several ways amateurs can be of service to others. Traffic handling is one of the foundations of our hobby.

A good example of VHF traffic handling is the Grifton repeater Eastern Carolina Net at 8:30 PM daily on 146.685. Charlie Gould, KC3SB, is the contact person, but all one has to do is check in to learn how to handle traffic.

Quarter Century Group

I missed the QCWA meeting this year, but several have suggested getting the Coastal area active again. Andy Griffith, W4ULD, and others, would like to get responses from Eastern members about revitalizing Chapter 118. Andy is active in the Coastal Carolina Emergency Net (3907 mhz daily at 7 pm) and can be reached through W4ULD@WB4UOU on packet.

Speaking of the CCEN, they have already announced their Christmas party for December 4th at Morehead City. Contact Walter Van Geisen, AB4DQ for details.

HPARC helps tournament

The High Point ARC Newsletter reports on the club's service to the Rose Furniture City Classic Soccer Tournament, this year held at eight different locations. Although it was difficult to cover them all, injuries were slight, and only two emergency calls were made.

This weekend even brought out Leonard Dyer, KE4FRI, who had a chance to try out his new license, reports Editor Mark McMahan, KB4MFP. Wil Patnaud, KD4GLQ; Jamey Niland, KD4JYU; Barry Garner, N4UOH; Rogers Albertson, WA4BPL; Ben Lewallen, N4OCS; Tom Ellis, WA4CBC; Clyde Young, KA4PHW; and Myron Buser, KQ4ZA also participated.

Another club activity is their annual Ice Cream Social in August, held this year at Barry, N4UOH, and Mary Ann Garner's lakehouse. Some day I really want to find that place and take part! I love ice cream!

If you can't make their regular meeting on the first Monday of the month at Western Steer, they do get together every Saturday morning for breakfast at Mrs. Winner's on South Main Street in High Point.

DX-Pedition at NBARC

The New Bern ARC had guest speaker Murray Adams, WA4DAN, explain the planning which went into the Mellish Reef DX-Pedition held during September. While he was there, Murray also gave some details on the new 220 repeater on the Trenton tower on 224.72 mHz.

"This is intended as a complement to the Grifton 224.84 repeater, and gives full circle coverage," announced Murray. Since the New Bern 146.61 has already an established link to the Grifton machine, the group will decide whether or not to be "frequency agile" and be linked to both.

Bob McNeil, W4MBD, distributed information on his latest project, the DX packetnode on 144.93. This system extends coverage through the Southeast US. Any new developments in the world of DX appear almost instantaneously on the node for the information of all users.

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OUR SPECIALTY - WE DO IT RIGHT!
See us at most area hamfests, call or fax your requirements, we'll send information.
Official ARRL and SERA Badges, Badges for most State Designs, and 100s more.
Computerized engraving makes a difference - You'll see it with our badges!
Amateur Belt Buckles - Silver, Gold - Brass -Desk, Door Plaques!
Special designs - special prices for clubs - call and find out!

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P.O. Box 652, Fairforest, S.C. 29336
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CAT-300 Repeater Controller

Attention Repeater Owners

Finally a repeater controller with a TI voice synthesizer and full feature autopatch incredibly priced at ***$299.00.***

Features Include:

- ✓ *Voice Synthesizer*
- ✓ *Twelve Voice Messages*
- ✓ *Two Voice Identifiers*
- ✓ *Full Feature Autopatch*
- ✓ *User Speed Dials*
- ✓ *DTMF Key Pad Test*
- ✓ *DTMF Repeater Access*
- ✓ *(56) Control Functions*
- ✓ *Remote Control Switches*
- ✓ *DVR Controller Ready **
- ✓ *(412) Word Vocabulary*
- ✓ *Female Voice & Sound Effects*
- ✓ *CW Identifier*
- ✓ *Reverse Autopatch*
- ✓ *Emergency Speed Dials*
- ✓ *Programmable Courtesy Tones*
- ✓ *DTMF Repeater Muting*
- ✓ *Programmable Codes and Timers*
- ✓ *Hardware Logic Inputs*

** (Requires MF-1000 Serial Interface Card $59.00)*

Write or Call for a brochure describing the CAT-300 Controller, including schematic, voice word list, and control functions.

CAT-300 Controller Board $299.00 Wired and Tested

Computer Automation Technology, Inc.
4631 N.W. 31st Avenue, Suite 142,
Fort Lauderdale, Florida 33309
(305) 978-6171

The 21st Annual and Original

CHARLESTON HAMFEST

AND COMPUTER SHOW

SATURDAY, FEBRUARY 5, 1994

SPONSORED BY:

CHARLESTON AMATEUR RADIO SOCIETY

HOME OF SOUTHERN HOSPITALITY

Time: Doors open at 8:30 AM and close at 4:00 PM. Dealers will be able to set up after 5:00 PM on Friday before.

Location: Charlestowne Landing State Park under the dome, just off Hwy. 171. Tell person at the gate you are with the Hamfest and there will be no charge to get in the park.

Talk in: The WA4USN Repeater (146.79-) aboard the USS Yorktown, CV-10, the "Fighting Lady". Alternate is the 145.25- repeater. Other area repeaters are 147.18+, 146.835-, 147.27+, 146.94-, 146.76-, 147.30+, 443.8+, and 444.3+.

Facilities: Large indoor circular area of 10,000 square feet.

Food: Hot Dogs and BBQ Plates available.

Tickets: Tickets will be sold Saturday morning at the door. $5.00 adults. Children under 12 admitted free.

Activities: BINGO for YL's, XYL's and Harmonics.

Prizes:

Grand Prize:	$400.00
Second Prize:	$200.00
Third Prize:	$100.00

Prizes will be drawn at 3:00pm. You need not be present to win. Door prizes will be given away during the day.

Volunteer Exams: VE exams will be given at a site to be determined. The 145.25- repeater will be used as talk in . Please bring original and a copy of your amateur license, and any CSCE's you have, two ID's, one with a photo. All testing will be on a WALK-IN basis only and will begin at 12:00 noon. For further information, call KC400Z, Ed, at (803) 871-4368 or W4ZYZ, Warren, at (803) 572-1164.

Point of Contact: Jenny Myers, WA4NGV
(803) 747-2324

Tables: Pre-registered - $8.00, at the door - $10.00, as long as they last. To Pre-register tables, detach and complete this form, attach check made out to "C.A.R.S. Hamfest Committee" and send to (**to be received before January 22 1994**): Jenny Myers WA4NGV
2630 Dellwood Avenue
Charleston, SC 29405-6814

Name: _____

Address: _____

City,State,Zip: _____

Telephone: _____

No. of Tables: _____
X $8 each

Total enclosed: $ _____

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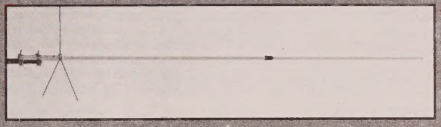
Modern, High-Performance Stations use COMET Antennas, Duplexers, Triplexers and Accessories!

Using COMET products gives you the signal quality and coverage area of a high-performance, modern station. Whether you are operating mobile or from your base station, COMET products make you sound good. No other line has the selection, convenience, quality, and performance!

COMET™ DUAL-BAND BASE & REPEATER

BEST SELLER

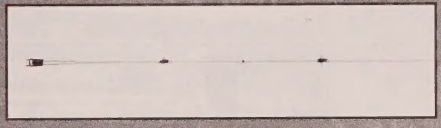
CA-2x4MAX
Gain & Wave:
146 MHz 5.5dB 5/8 wave x 3
446 MHz 11.9dB 5/8 wave x 8
Max Power: 200 watts
Length: 17' 8"
Connector: SO-239



CA-2x4WX
Dual-Band 146/446MHz
Gain & Wave:
146MHz 6.5dB 5/8 wave x 2
446MHz 9.0dB 5/8 wave x 5
Max Power: 200 watts
Length: 10' 2"
Connector: SO-239

CA-2x4FX
Dual-Band 146/446MHz
Gain:
146MHz 4.5dB
446MHz 7.2dB
Max Power: 200 watts
Length: 5' 11"
Connector: SO-239

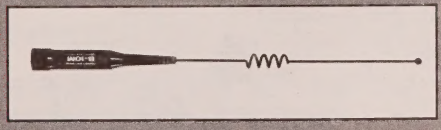
COMET™ DUAL-BAND MOBILE



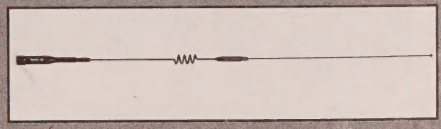
CA-2x4MB
Dual-Band 146/446MHz
Gain & Wave:
146MHz 4.5dB 7/8 wave
446MHz 7.0dB 5/8 wave x 3
Max Power: 150 watts
Length: 4' 10"
Connector: PL-259

BEST SELLER

CA-2x4SR
Dual-Band 146/446MHz
Gain & Wave:
146MHz 3.8dB 5/8 wave
446MHz 6.2dB 5/8 wave x 2
Max Power: 150 watts
Length: 3' 4"
Connector: PL-259

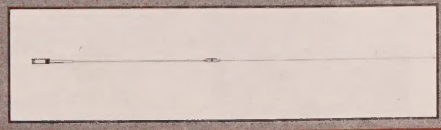


B-10/B-10NMO
Dual-Band 146/446MHz
Gain & Wave:
146MHz -.08 1/4 wave
446MHz 2.15dB 1/2 wave
Max Power: 50 watts
Length: 12"
Connector: PL-259 or NMO Style



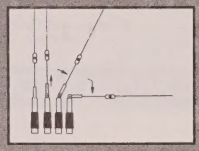
B-20/B-20NMO
Dual-Band 146/446MHz
Gain & Wave:
146MHz 2.15dB 1/2 wave
446MHz 5.0dB 5/8 wave x 2
Max Power: 50 watts
Length: 30"
Connector: PL-259 or NMO Style

COMET™ SINGLE-BAND MOBILE

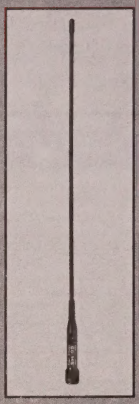


CHL-185
2 Meter Mobile Antenna
Gain & Wave:
4.1dB 5/8 wave
Max Power: 200 watts
Length: 4' 8"
Connector: PL-259

CH-32
Miracle Baby 146/446MHz HT
Gain & Wave: 0dB
Max Power: 10 watts
Length: 1.75"
Connector: BNC



Fold-Over Base
Comet mobile antennas of length have this feature.



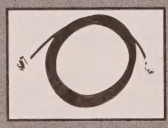
SH-55
2M/440MHz
SUPER Flexible
HT Antenna
Gain & Wave:
146MHz 1.5dBi 1/4 wave
446MHz 3.2dBi 5/8 wave
Max Power: 10 watts
Length: 15"
Connector: BNC

COMET™ MOBILE MOUNTING SYSTEMS

RS-21
Trunk, hatchback, rear door (van, blazer, etc.) mount. Adjustable to virtually ANY angle. Rubber-coated base protects vehicle paint.

RS-820
Heavy duty, low-profile trunk-lip mount. Rubber coated base protects vehicle paint, ratchet style dial lock.

CK-5M Deluxe Cable Assembly
13 feet double shielded very low loss coax + 12" RG-188 teflon coax. Gold plated UHF (PL-259/SO-239) connectors. Allows easy entry from a lip-mount w/o causing coax or weather strip damage.



3D4M Standard Cable Assembly
13.5 feet of low loss coax. Gold plated UHF (PL-259/SO-2329) connectors.

COMET products are available from most major dealers. For customer service, or a complete catalog, please call us at 800/962-2611. We're confident COMET products and accessories will enable you to enjoy Amateur Radio to its fullest!

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SERA Repeater Journal
Hamfest Calendar

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1993 HAMFEST CALENDAR OF EVENTS

NOVEMBER 1993

6-7 ..... Ham Radio/Comp. Expo '93, LAWRENCEVILLE, GA
6-7 ..... Hamfest, FT. LAUDERDALE, FL
7 ..... Hamfest, CONCORD, NC
13 ..... Hamfest & Computer Expo, MYRTLE BEACH, SC
13 ..... TVARN Hamfest, COOKVILLE, TN
13 ..... Twin City Hams Hamfest, WEST MONROE, LA
13 ..... 16th Annual Hamfest & Computer Show, MONTGOMERY, AL
13-14 ..... Indiana State ARRL Conv, Hamfest, FT. WAYNE, IN
20-21 ..... Suncoast Conv. '93 TAMPA, FL
21 ..... 5th Annual JARSFEST, BENSON, NC
27 ..... Greater New Orleans Hamfest, CHALMETTE, LA
27-28 ..... Hamfest, GREENSBORO, NC

DECEMBER, 1993

3-4 ..... Wiregrass ARC Hamfest, DOTHAN, AL
4 ..... Hamfest, OKEECHOBEE, FL

1994 HAMFEST CALENDAR OF EVENTS

JANUARY 1994

8 ..... Lakeway ARC Hamfest & Computer Show, MORRISTOWN, TN
8-9 ..... City of Palms Hamfest, FT MYERS, FL
15 ..... Hamfest, GREENWOOD, SC
15 ..... SELARC Hamfest, HAMMOND, LA
16 ..... Frostfest, RICHMOND, VA
22 ..... 14th Citrus County Hamfest/Computer Show, CRYSTAL RIVER, FL
22* ..... Hamfest, INVERNESS, FL
22 ..... TVARN Hamfest, GALLATIN, TN
22-23 ..... Hamfest & Computer Show, SARASOTA, FL
23 ..... Hamfest, PINELLAS PARK, FL
29 ..... Hamfest, GREENVILLE, AL

FEBRUARY 1994

5 ..... Hamfest, CHARLESTON, SC
5 ..... Kerbella Hamfest KNOXVILLE, TN
5-6 ..... JARC Hamfest, JACKSON, MS
5-6 ..... Fl. State ARRL Conv. & Tropical Hamboree, MIAMI, FL
12* ..... Owensboro ARC Hamfest, OWENSBORO, KY
18-20 (Fri Nite-Sun) ..... SE Div. ARRL Conv. & Hamcation, ORLANDO, FL
20 ..... Hamfest, ELKIN, NC
26 ..... Hamfest, PENSACOLA, FL
26 ..... Hernando Cty. ARAs 12th Annual Hamfest, BROOKSVILLE, FL
26 ..... Hamfest, DALTON, GA
26* ..... Appalachian AR Group Hamfest, LEBANON, PA
26 ..... Hamfest, STUART, FL
26-27 ..... Great Lakes Div. ARRL Conv./Hamfest, CINCINNATI, OH
27 ..... 16th Annual Hamfest, FAYETTEVILLE, WV
27* ..... Vienna Wireless Soc. Winterfest, VIENNA, VA

MARCH 1994

5 ..... Mammoth Cave ARC Ham/Swapfest, CAVE CITY, KY
12-13* ..... Hamfest, LAFAYETTE, LA
12-13 ..... Hamfest/Computer Show, CHARLOTTE, NC
13* ..... 7th Annual York Springfest, YORK, PA
19 ..... Kennehoochee ARC, MARIETTA, GA
19-20 ..... Swapfest, FT. WALTON BEACH, FL
25-26 (Fri Nite-Sat) ..... Hamfest, COLUMBUS, GA
26-27 ..... Md. State ARRL Conv. 23rd Baltimore Hamboree/Computerfest, TIMONIUM, MD
27 ..... Charleston ARS Hamfest, CHARLESTON, WV
27 ..... 4th Annual "Downeast Hamfest", KINSTON, NC

APRIL 1994

2 ..... 9th Annual CARS Chesapeake "Springfest 93", VIRGINIA BEACH, VA
9 ..... Hamfest, ALBERTVILLE, AL
9 ..... Hamfest, PERRY, GA
9 ..... Hamfest, OAK RIDGE, TN
9-10 ..... Ar. State ARRL Conv., Hamfest, N. LITTLE ROCK, AR
9-10 ..... Hamfest, GAINESVILLE, FL
10* ..... Hamfest, CLARKSVILLE, TN
10* ..... Penn-Del ARC Hamfest, NEW CASTLE, DE
16* ..... Hamfest, BOWLING GREEN, KY
16 ..... Six Meter AR Team Hamfest - Goochland Cty Fairgrounds, GOOCHLAND, VA
16 ..... TARC Electronics Fest (Charleston II), SUMMERVILLE, SC
16-17* ..... Old Natches ARC Hamfest, NATCHEZ, MS
17 ..... NC State ARRL Conv. - RARS Hamfest/Computer Faiur, RALEIGH, NC
17* ..... Carroll Cty. Computerfest & Hamboree, WESTMINSTER, MD
23 ..... Hamfest, TALLEDEGA, AL
29, 30, May 1 ..... 42nd Hamvention, (Hara Conf. & Exhib. Cen.), DAYTON, OH
30-May 1 ..... 55th Hamfest at Anderson Cty Fairgrnds, GREENVILLE, SC

MAY 1994

1* ..... Hamfest, BATON ROUGE, LA
8* ..... Hamfest, MEDINA, OH
14* ..... Hamfest, MURFREESBORO, TN
14-15 ..... Hamfest, BIRMINGHAM, AL
14-15 ..... Hamfest, TOCCOA, HARTWELL, GA
15* ..... FAntietam RA Great Hagerstown Hamfest, HAGERSTOWN, MD
15 ..... TSRAC Hamfest, Computer Fair, WHEELING, WV
21 ..... 33rd RVARC - Mayfest '94, (Salem Civic Cen) ROANOKE, VA
21-22 ..... Hamfest, BATON ROUGE, LA
22* ..... Jackson County Hamfest, RIPLEY, WV
28 ..... 20th Annual Dur-Ham-Fest, DURHAM, NC
29 ..... 2nd Annual Hamfest, GASTONIA, NC
29* ..... MD. FM Assn. Hamfest, (Howard Cty Fairgrnds), W. FRIENDSHIP, MD

JUNE 1994

4 ..... Azalea Coast ARC 2nd Annual Seafest '94, WILMINGTON, NC
4* ..... Clev. ARC Starfest, CLEVELAND, TN
4 ..... Amateur Radio & Computer Fair, KNOXVILLE, TN
4 ..... Athens RC Annual Hamfest, ATHENS, GA
5* ..... Hamfest, HUMBOLT, TN
5* ..... Ole Virginia Hams - Hamfest, MANASSAS, VA
5* ..... Hamfest, MUNCIE, OH
10-12 ..... ARRL National Convention, Hamfest, ARLINGTON, TX
11* ..... Hamfest, WINSTON-SALEM, NC
12* ..... N. Ky. ARC Ham-O-Rama 94, ERLANGER, KY
12* ..... El Hasa Shrine Radio Unit Ham Swapfest, BOYD COUNTY, KY
18 ..... Tn. State ARRL Conv - Nashville ARCs 1st Annual Hamfest, NASHVILLE, TN
18* ..... Hamfest & Computer Fair, BLUEFIELD, WV
18-19 ..... Albany ARC Hamfest, ALBANY, GA
19* ..... Hamfest, FREDERICK, MD

JULY 1994

2-3 ..... West Va.State ARRL Conv/Hamfest, JACKSONS MILL, WV
9 ..... NC Chapter TSRAC "Firecracker" Hamfest, SALISBURY, NC
9-10* ..... Summit ARAs Carrol Cty. Hamfest/Computer Show, WESTMINSTER, MD
16* ..... Mid-Summer Swapfest, CARY, NC
16-17* ..... Hamfestival, ATLANTA, GA
24* ..... BRATS Hamfest and Computer Fest, TIMONIUM, MD
30* ..... Hamfest, COLUMBUS, OH
30-31* ..... 21st Annual Hamfest, JACKSONVILLE, FL
30-31* ..... WCARS Asheville Hamfest, Haywood Cty. Fairgrnds, ASHEVILLE, NC

AUGUST 1994

6* ..... Tri-State ARA Hamfest/Computer Show, HUNTINGTON, WV
7* ..... Charlotte ARC - 2nd Queen City Hamfest/ComputerFair, CHARLOTTE, NC
6-7* ..... 6th Annual High Point RC Hamfest, HIGH POINT, NC
7* ..... 44th Annual Winchester Hamfest, BERRYVILLE, VA
7* ..... Mid-Ohio Valley ARC Hamfest, PARKERSBURG, WV
7* ..... ARRL Central Hamfest, FRANKFORT, KY

Continued on Page 47

Pyramid Power Supplies:

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- Current Adjustable
- Heavy Duty Metal Housing
- 110V AC Input
- Power On/Off Switch

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- Built-in Crowbar Protection
- Current Adjustable
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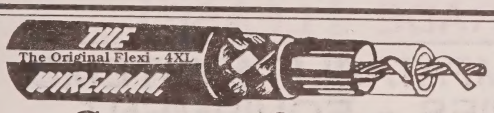

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HAMFEST CALENDAR CONTINUES

13-14* ARK-LA-TEX Hamfest, SHREVEPORT, LA
20* Hamfest, SPRUCE PINE, NC
20-21 Hamfest, HUNTSVILLE, AL
21* Hamfest, MARYSVILLE, OH
21 GCARA Hamfest, CINCINNATI, OH
21* St. Charles ARC Hamfest '94', ST. CHARLES, MO
27* Confederate Signal Corps Hamfest, MADISON, GA
28* Short Mt. Rep Club Hamfest, CEDARS OF LEBANON, TN

SEPTEMBER 1994

3-4 37th Annual Hamfest, SHELBY, NC
10 Statesboro ARS Hamfest, STATESBORO, GA
10-11* Hamfest, MELBOURNE, FL
11* Foundation AR Hamfest, GAITHERSBURG, MD
17* Ascension ARC Hamfest, GONZALES, LA
17* Tailgate Swapfest, RUSTON, LA
17-18* Hamfest & Computer Show, MOBILE, AL
17-18 Hamfest/Computer Show, VIRGINIA BEACH, VA
24* Lanierland ARC Hamfest, GAINSVILLE, GA
24* Danville/South Boston 2nd Annual Hamfest, DANVILLE, VA
24* Hamfest, ANNISTON, AL
24* TARA, Hamfest, HUNTINGTON, WV
24-25* Hamfest, LOUISVILLE, KY
24* Hamfest, CLEVELAND, OH
25* Falls Lake ARC 3rd Annual Swapfest, BUTNER, NC
25* Hamfest, PORT RICHEY, FL

OCTOBER 1994

1* Hamfest, TITUSVILLE, FL
1* Hamfest, BOAZ, AL
1* Hamfest, MT. HOME, AR
1 Sumner Cty ARA Hamfest, GALLATIN, TN
1* 43rd Annual Hamfest & Computer Fair, ROCK HILL, SC
1-2* Miss. Coast ARA 18th Annual Ham/Swapfest, BILOXI, MS
2* Hamfest, ROME, GA
7-8* (Fri eve-Sat) 41st Annual Hamfest/Computer Show, AUGUSTA, GA
8-9 Tennessee State ARRL Conv/"Memfest '94" Hamfest, MEMPHIS, TN
8-9* 14th Ham Com-Vention, HOUSTON, TX
9* Hamfest, MAYSVILLE, NC
15* 3rd Black Warrier Swapfest, TUSCALOOSA, AL
15* Tri-Cities Hamfest, GRAY, TN
15* CCARS Fall Festival and Hamfest, SANFORD, NC
15* Hamfest, STARK, FL
16* Central Louisiana Hamfest, ALEXANDRIA, LA
16* CARA 18th Annual Hamfest (Columbia, MD) HOWARD CTY FAIRGOUNDS, MD
22* Hamfest, WAYCROSS, GA
22* Hamfest, SUMTER, SC
22-23 Hamfest, CHATTANOOGA, TN
22-23* Hamfest, MOBILE, AL
22-23* Palm Beach RA Hamfest, W. PALM BEACH, FL
23* Mason-Dixon Hamfest, WESTMINSTER, MD
29* Swapfest '94, FOREST CITY/RUTHERFORDTON, NC
29* Southern Ky. AR Group 3rd Annual Franklin Fest, FRANKLIN, KY

NOVEMBER 1994

5-6* Ham Radio/Comp. Expo '94, LAWRENCEVILLE, GA
5-6* Hamfest, FT. LAUDERDALE, FL
6* Hamfest, CONCORD, NC
12* Hamfest & Computer Expo, MYRTLE BEACH, SC
12* TVARN Hamfest, COOKVILLE, TN
12* Twin City Hams Hamfest, WEST MONROE, LA
12* 17th Annual Hamfest, MONTGOMERY, AL
12-13* Indiana State ARRL Conv, Hamfest, FT. WAYNE, IN
19-20* Suncoast Conv. '94 TAMPA, FL
20* 6th Annual JARSFEST, BENSON, NC
26-27* Hamfest, GREENSBORO, NC

DECEMBER, 1994

3* Wiregrass ARC Hamfest, DOTHAN, AL
3* Hamfest, OKEECHOBEE, FL
4* HolidayFest '94, LARGO, MD

CONFIRMED 1995 DATES

Jan. 28 TVARN Hamfest, GALLATIN, TN
April 28-30 44th Dayton Hamvention, DAYTON, OH

Please note: Hamfest dates marked with an asterisk(*) are NOT confirmed and are based on information on record from the previous year's date, with no guarantee of accuracy. Hamfest sponsors are urged to get their correct show dates to the ***Repeater Journal*** Editor as soon as possible. We acknowledge and appreciate assistance in confirming dates from *TSRAC AR News Bulletin, The Magnolia Report, The Country Ham.* our ARRL Directors, and the response of many clubs and individuals sponsoring hamfests each year.

The Repeater Journal Hamfest Calendar for '94 **lists over 159** shows in the Southeast. Of these, 40% are already confirmed. Dealers, Flea Market venders and many others depend on the Journal for information.

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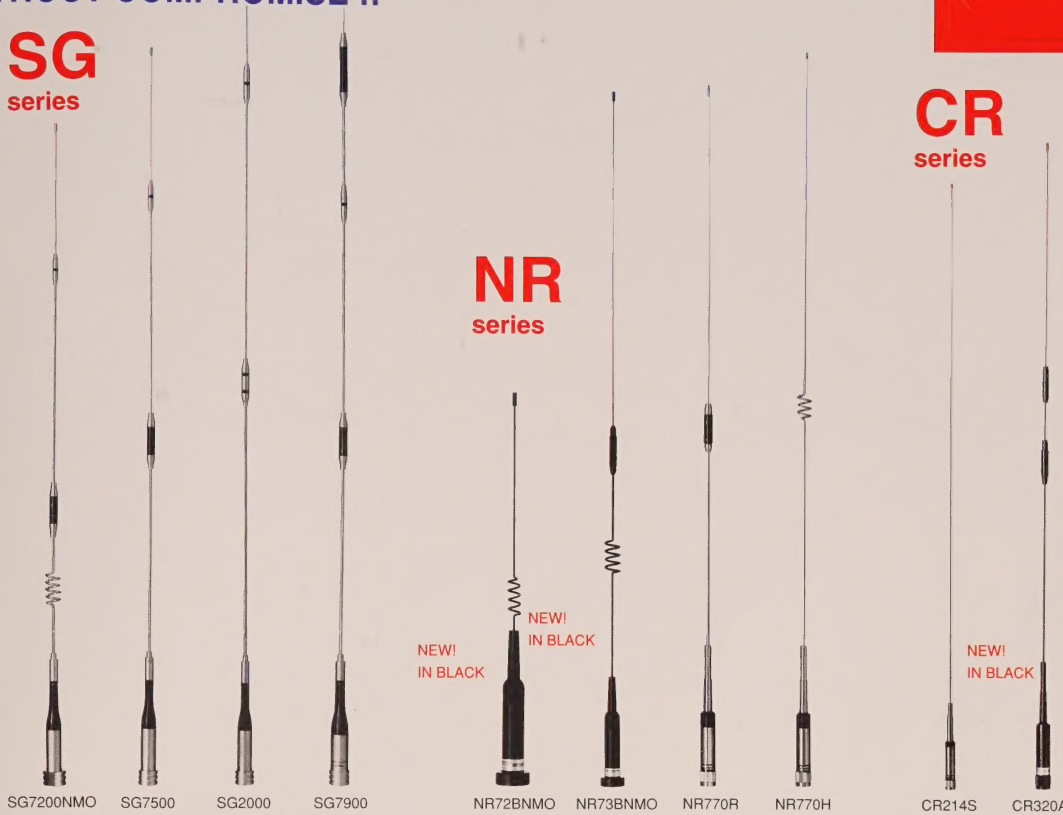

SG7200NMO SG7500 SG2000 SG7900 NR72BNMO NR73BNMO NR770R NR770H CR214S CR320A

MODEL	BAND	GAIN(dBd)	POWER (w)	MOUNT	HT (IN)	ELEMENT PHASING
NR-72BNMO	2m/70cm	2.15	100	NMO	13.8	1/4 λ ,1/2 λ
NR-73BNMO	2m/70cm	2.15/5.3	100	NMO	33.5	1/2 λ ,2-5/8 λ
NR-770SA	2m/70cm	2.15/2.15	100	UHF	16.9	1/4 λ ,1/2 λ
NR-770HA	2m/70cm	3.0/5.5	200	UHF	40.2	1/2 λ ,2-5/8 λ
NR-770HNMO	2m/70cm	3.0/5.5	200	NMO	38.2	1/2 λ ,2-5/8 λ
NR-770RA	2m/70cm	3.0/5.5	200	UHF	38.6	1/2 λ ,2-5/8 λ
NR-790A	2m/70cm	4.5/7.2	120	UHF	57.5	6/8 λ ,3-5/8 λ
SG-7000	2m/70cm	2.15/3.8	100	UHF	18.5	1/4 λ ,6/8 λ
SG-7200NMO	2m/70cm	3.2/5.7	150	NMO	36.6	1/2 λ ,2-5/8 λ
SG-7500A	2m/70cm	3.5/6.0	150	UHF	40.6	1/2 λ ,2-5/8 λ

MODEL	BAND	GAIN(dBd)	POWER (w)	MOUNT	HT (IN)	ELEMENT PHASING
SG-7900	2m/70cm	5.0/7.6	150	UHF	62.2	7/8 λ ,3-5/8 λ
SG-2000	2m	5.2	150	UHF	62.6	7/8 λ
NR-140A	1-1/4m	3.8	100	UHF	36.2	5/8 λ
NR-124	23cm	8.4	100	N	25	4-5/8 λ
CR-214S	2m/1-1/4m	2.15/3.4	120	UHF	37	1/2 λ ,5/8 λ
CR-224A	2m/1-1/4m	5.0/6.0	150	UHF	68.5	7/8 λ ,2-5/8 λ
CR-320A	2m/1-1/4m/ 70cm	2.15/3.8/5.5	200/ 200/100	UHF	37.4	1/4 λ ,1/2 λ , 2-5/8 λ
NR-2000NA	2m/70cm/ 23cm	3.15/6.3/9.7	100	N	39	1/2 λ ,2-5/8 λ , 5-5/8 λ

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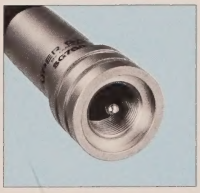

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